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Instructive Guide

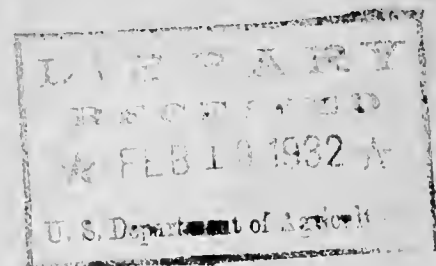
**Vegetable and Flower
Gardening**

**Lawn Grasses, Insecticides,
Field Seed, Etc.**

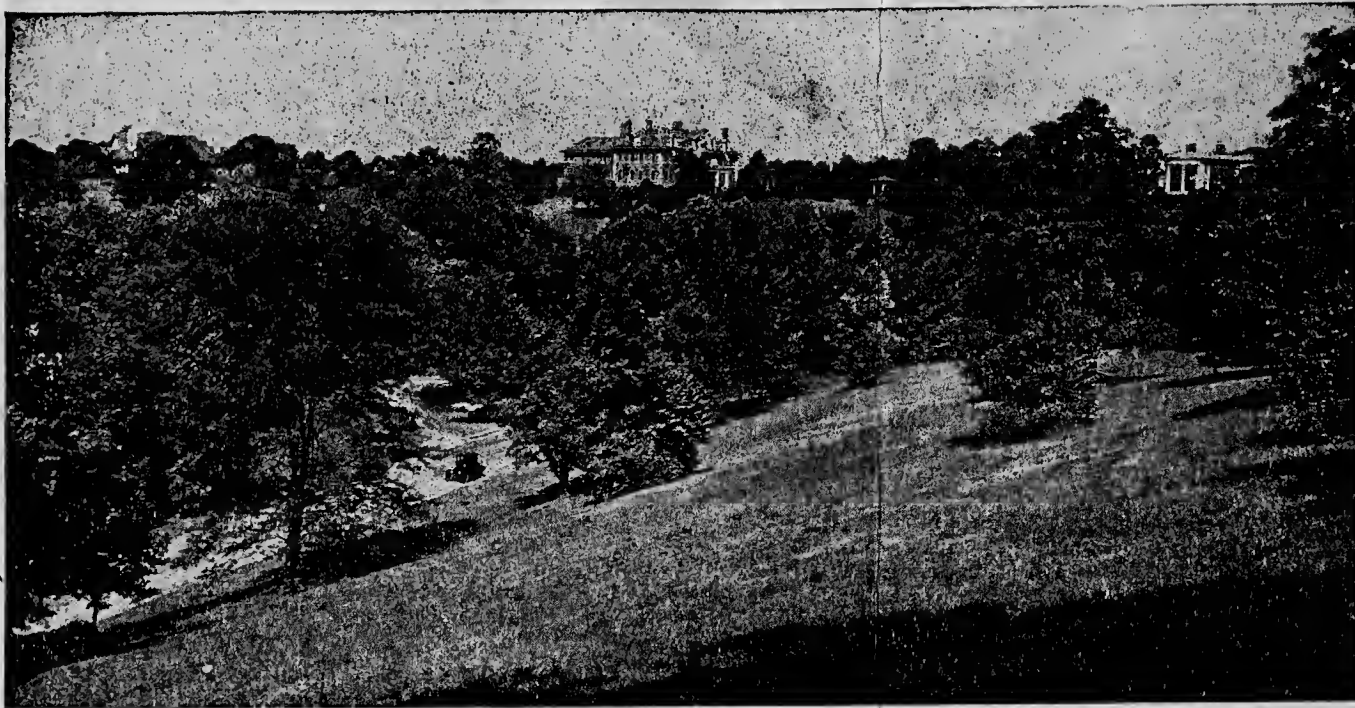
The
Wood Stubbs Co.

Incorporated

Louisville, Kentucky



The Skies Are Blue Again



Large Estates

LAWN GRASS SEED

for,

Every Need

Our Quality
Extraordinary has
increased the demand
each year

Fancy Kentucky Blue Grass

Blue Ribbon Evergreen

Will produce a grassy carpet of beautiful green within four weeks from sowing will be ready for cutting. This celebrated lawn grass mixture has been tried, tested and used for more than a quarter of a century. Large estates, parks and cemeteries have shown approval year after year by increased quantities purchased for added areas. This mixture is a result of years of testing and proving the proper proportions of different grasses to be used. Every variety of grass seed used in this mixture is bought as the cream of the crop, thoroughly tested, re-cleaned and approved before using. Imperfect and inferior quality will not be accepted for use at any time. The grasses making up this wonderful farm mixture are fine leaved dwarf and spreading in their habits. They will not start making an uneven turf. An even smooth and velvety green lawn is the envy of everyone. It is desired by all home owners and can be had by all. Use Blue Ribbon Evergreen Lawn Grass Seed this year and secure excellent results. We recommend it to you knowing that you cannot purchase better seed anywhere. We are vitally interested in supplying you unexcelled quality grass seeds for your lawn.

Prices postpaid, delivered—1 lb., 35c; 5 lbs., \$1.40; 20 lbs., \$4.75.

White Clover—For lawn purposes —Extra fancy for lawns. 1 lb., 60c; 5 lbs., \$2.75; postpaid. At buyer's expense: 1 lb., 50c; 5 lbs., \$2.25.

Shady Green Lawn Grass Mixture

This grass mixture is especially prepared from low growing dwarf grass which grows thoroughly in partially shaded places or sheltered spots. They will grow nicely under similar conditions elsewhere when given the same opportunity. There is no grass or grasses that will grow luxuriantly under trees with low hanging branches or between houses, or in some rank soil conditions. There must be air and surface drainage if there is to be success. Under surface rooted trees that have been trimmed up to allow the sun to peep in once in a while, a fertilizer must be used to maintain the grass growth. Sufficient quantity must be supplied to satisfy the tree as well as the grass. The impossible cannot be done in the shaded places with grass seed. We recommend our shaded grass mixture with the foregoing limitations. If a beautiful low and developing branched tree in your lawn is attractive, encourage it to grow branches to hug the ground, and grow beautiful grass around it to contrast the different colored greens. Prices—1 lb., 35c; 5 lbs., \$1.40; 20 lbs., \$4.75. Delivered.

FAMOUS THE WORLD OVER.

Grown in the state from which it derives its name. This famous grass will acclimate itself almost anywhere. It is the basis for nearly all lawn grass seed mixtures. It grows in the far north as well as in the south. It might be called the Universal Lawn Grass Seed. It is low growing in its habits spreading from its creeping roots to shoot up new stalks. Nothing can be more beautiful than a Kentucky Blue Grass Lawn. Visitors to our state come for miles to see the famous Ky. Blue Grass Pastures. It is truly a sight not to be forgotten. When once it is firmly established there is nothing more attractive. It is truly a perennial grass as it increases in spread and density from year to year. It will reseed itself if allowed to stand. There is no grass that will crowd it out when once established. Beautiful lawns throughout the civilized world are seeded with Kentucky Blue Grass. This wonderful grass is sold in many qualities. Buy it in the heavy weight seed and do not think you are getting a bargain when you buy a large size bag full weighing a pound. Do not accept chaff—The best is the cheapest even when the price hurts. Prices—1 lb., 35c; 5 lbs., \$1.45; 14 lbs., \$3.25. Delivered anywhere.



Country and Golf Clubs

Consult Index for
other Fancy
Grass Seed

How to Make and Keep a Lawn Beautiful

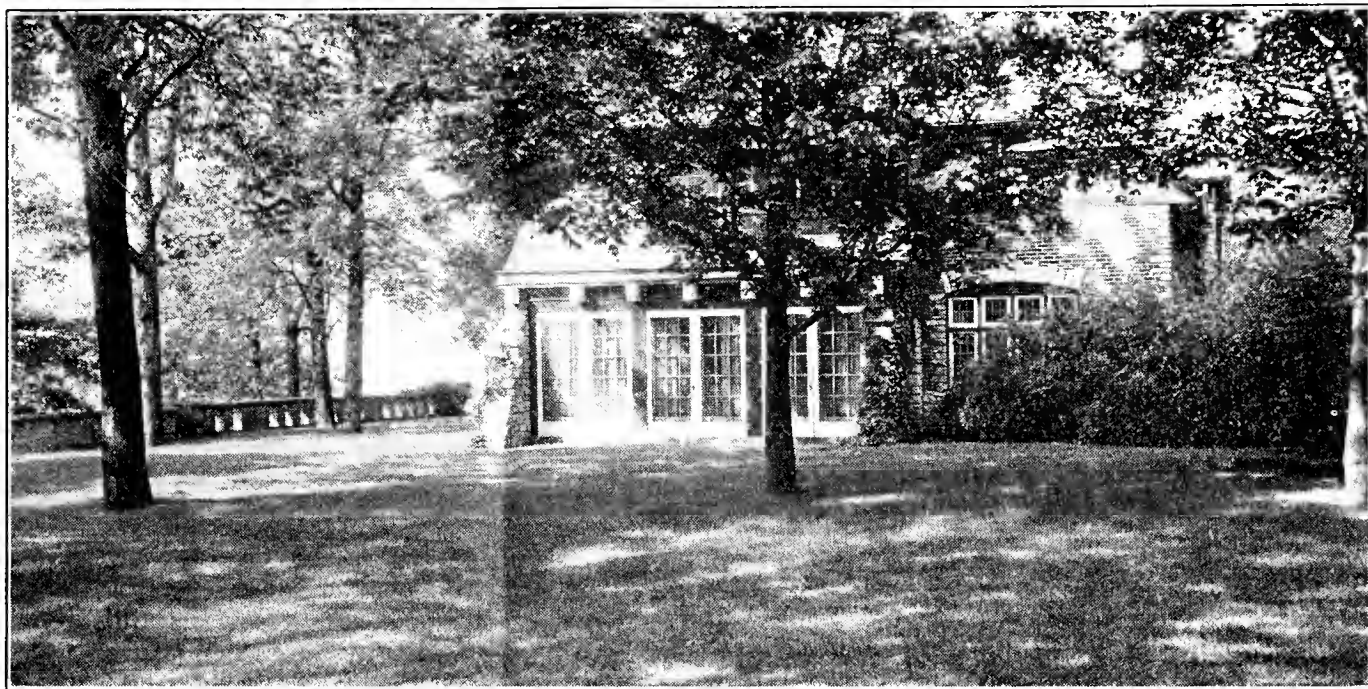
The lawn provides the setting for the house and for all plantings of shrubs and flowers. Therefore, the development of a fine turf, one that is rich, velvety, green and weedless, is the first essential in creating a beautiful piece of property.

The two types of lawns most generally popular are bluegrass and bent grass. Bent grass, particularly creeping bent, makes a lawn as lovely as the putting green of a golf course, if it receives constant attention, but it becomes intolerable under neglect. Bluegrass makes a beautiful, hardy lawn and one that needs very little attention, except for the occasional application of plant food.

To Make a New Lawn: The first step in developing a new lawn is to make sure that its foundation is good. There should be at least four inches of good rich top soil on which to build the lawn. Most failures of new lawns are due to the fact that they are built on the clayey subsoil cast to the surface when the house foundations are dug. When excavating for new houses is being done, the topsoil should be placed in a pile by itself and reserved until time to make the lawn. Four inches of this topsoil should make a satisfactory basis for a rich, velvety turf.

In sections where the topsoil contains much clay or sand, sufficient loam should be added to make a fifty per cent mixture.

To Rebuild Old Lawns: When the lawn is in very bad condition the best procedure is to have enough good topsoil hauled in to make a covering about three inches deep over the entire surface. However, there are many instances when a thin application of topsoil will suffice. It may be added by sifting or spreading it over the lawn, with special attention to bare spots. If this is done several times during the growing season a good basis for turf can be built up without the necessity of plowing or spading the surface under and starting anew. One



Palatial Homes

advantage of this method is that it eliminates the unattractive "no lawn" period which cannot be avoided with other processes.

Seeding the Lawn: A great deal of seed, sold as grass seed, contains a very high percentage of weed seed, chaff, bottom timothy and other undesirable ingredients. It is highly important to obtain the best obtainable grass seed.

Seeding New Lawns: New lawns can be seeded any month except June and July.

The surface of a new lawn should be prepared for seeding by raking. This provides a rough surface on which the seed may lodge. Sow the seed by hand, distributing it as evenly as possible. Then roll carefully and water. Rolling is very important. It often means the difference between success and failure in obtaining rich, velvety, smooth lawns.

Reseeding: Experts have found that, except on bare spots, the reseeding of established lawns is impractical and expensive. Where there is any kind of a stand of grass, the same amount of time and money spent

on a well balanced lawn fertilizer gives far better results than reseeding.

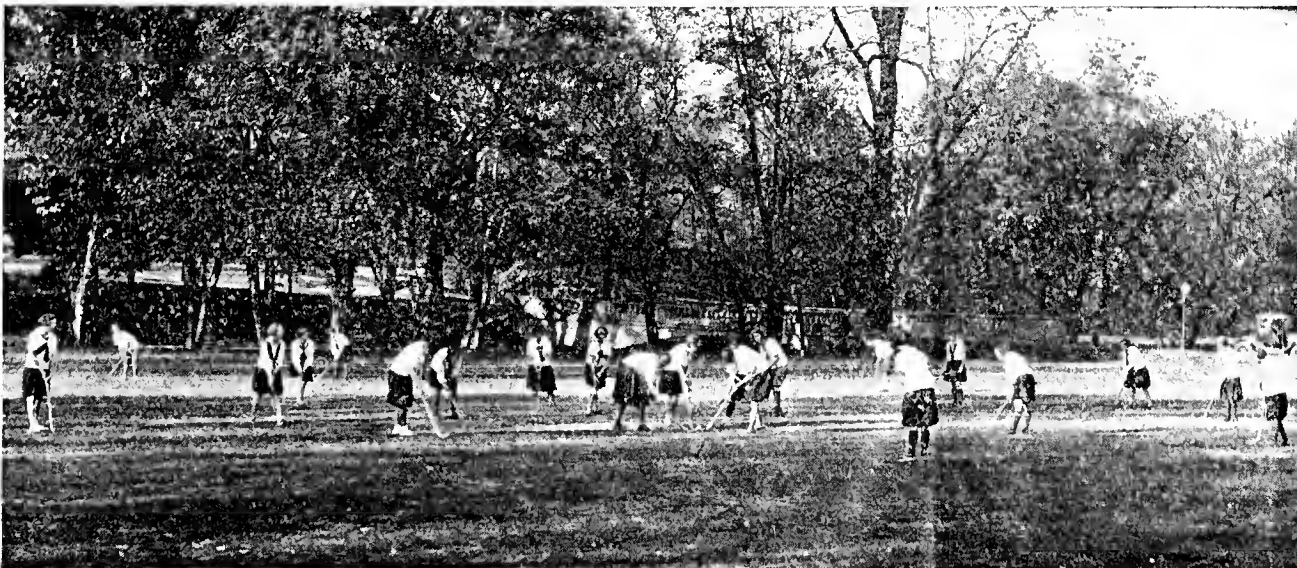
SUCCESS BY FERTILIZATION

The quickest, easiest and most economical method of building a beautiful lawn is by using **Vigoro**, because it is a scientifically prepared, concentrated plant food, especially adapted to produce healthy growth of smooth, velvety lawns and shrubs, flowers and gardens. **Vigoro** contains all the essentials necessary for luxuriant plant, fruit and flower growth. It stimulates the plants with surprising energy and vitality, and gardens begin producing and flowers blossoming earlier when provided with this quality plant food.

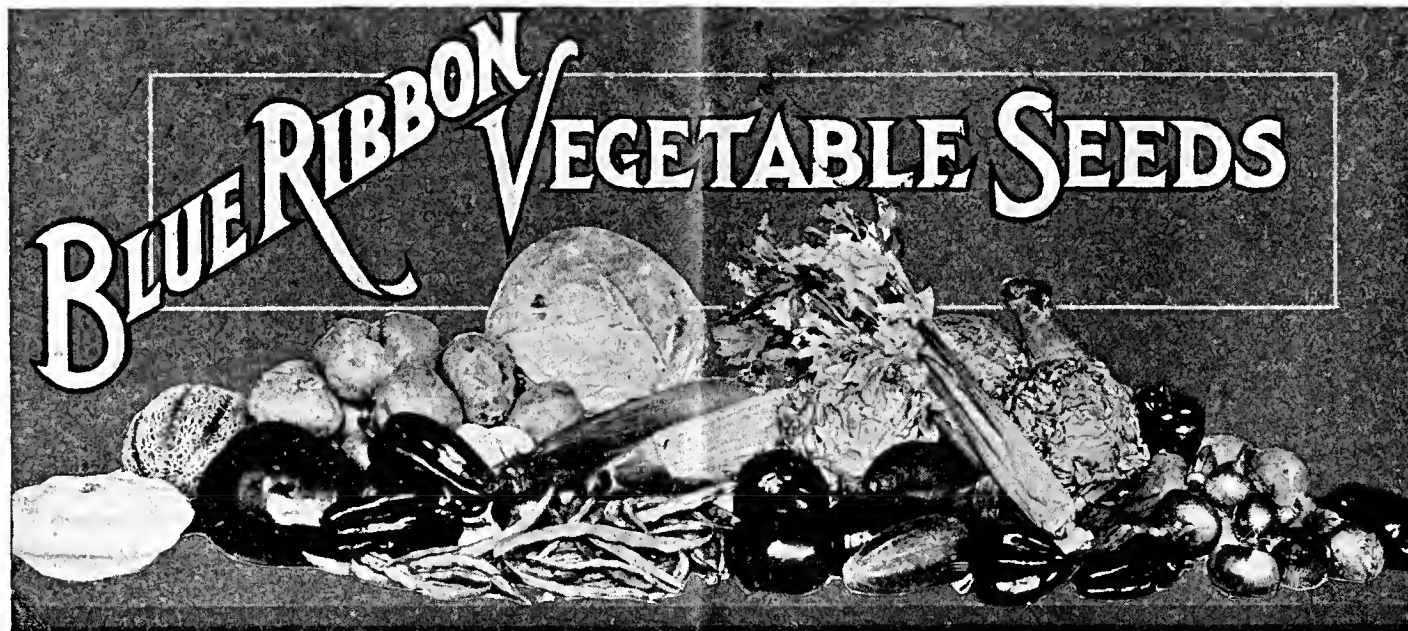
The amount of **Vigoro** to be used on a lawn varies with conditions. As a rule, about 30 to 40 pounds per 1000 square feet is sufficient. **Vigoro** can be spread by hand, as grass seed is sown, until the lawn looks as if it had been heavily dusted. It should be sprinkled down immediately after spreading to prevent any possible burning of the grass.

Vigoro is an ideal lawn fertilizer. It contains everything necessary for the healthy growth of the grass plants, providing essential elements that discourage weeds, and others that develop that rich, dark, green, velvety appearance which every home-owner loves. Another reason by **Vigoro** is the ideal plant food for the lawn is that the formula under which it is constructed is such that these elements do not all become available at once, thereby exhausting the supply, but remain in the soil for a period of several months providing that necessary nourishment for the grass over the entire growing season—feeding it regularly—continuously.

Prices, 5 lbs., 50c; 25 lbs., \$1.75; 100 lbs., \$5.00.



Play Grounds



General Instructions to Customers

All quotations, unless otherwise stated, are F. O. B. Louisville, Ky.

Seeds By Parcel Post—We deliver free to all points in the United States by Parcel Post or Express to any express office at our option all Vegetable and Flower Seeds in packets, ounces, $\frac{1}{4}$ lb., $\frac{1}{2}$ lb., 1 lb. Purchasers pay transportation charges on field Grass Seed, Grain Plants and other miscellaneous items not specifically stated.

Please Note—We have to quote single items (weight one pound) at the above price plus the postage for two pounds. This makes the prices post-paid and in single items cost us postage for two pounds instead of one. It is to your advantage to order all of your garden and flower seed from our catalog.—For example if you order about ten items of Garden and Flower Seed you are privileged to use the prices which are marked Express or Freight not prepaid and get your goods delivered to you by Parcel Post, Express or Freight prepaid by us.—For example ten pounds of the various items of Garden and Flower seed in third zone costs about 26c whereas ten different items sent at different times would cost 46c postage and each item would be priced at a higher cost.—Postage alone saves 20c and prices in lower priced blocks makes a considerable saving. So send us your complete order and save yourself a lot of money—at least $33\frac{1}{3}$ percent. Peas, Beans and garden corn are items delivered to you cheaper than you can buy elsewhere. Our prices are cheaper than ever before and quality of the same high grade.

Reference—Any bank or trust company in Louisville.

Delivery Guaranteed—We will guarantee the safe arrival of all goods by insured Parcel Post. All packages lost will be replaced promptly and without cost to you.

C. O. D. Orders—No orders for perishable goods will be sent C. O. D. All other items can be forwarded C. O. D. for goods and postage, approximate one-third of amount must be remitted in advance.

Testimonials—We are always pleased to hear from our customers regarding satisfactory results obtained with **Blue Ribbon Seeds**. Photographs especially of vegetables and vegetable gardens will be gratefully received.



Washington Asparagus

NON-WARRANTY

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. WOOD STUBBS CO., Inc.

Artichoke

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25 Postpaid.

Asparagus

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

Conover's Colossal. Very prolific and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c. Postpaid.

Palmetto. A fine variety, producing large, green Asparagus. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c. Postpaid.

Washington. A rust resistant variety, with long, dark green stalks. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c. Postpaid.

It requires 100 plants for a single row of 150 feet.

Asparagus Roots

TWO YEAR-OLD ROOTS

Palmetti.	12	100	1000
Large, bright green..	\$0.20	\$1.25	\$ 9.00
Conover's Colossal.			
Deep green .....	.20	1.25	9.00
Columbian Mammoth.			
White .....	.20	1.25	9.00
Washington.			
Dark green .....	.20	1.40	11.00

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

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Notice Instructions on Page 2 regarding prices in this Block.

Dwarf Shell Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
Boston Pea or Navy. Used when dry for cooking purposes	10c	15c	20c	\$0.35	15c	20c	\$0.50	\$1.50	\$5.40
Red Kidney. Similar to White Kidney, except the beans are deep red	10c	15c	20c	.35	15c	25c	.65	2.20	6.30
White Kidney. Excellent Shell, or String Bean	10c	15c	25c	.45	20c	35c	.80	2.35	8.40
White Marrow. For use in a dry state in Winter, or as a String Bean	10c	15c	25c	.45	20c	35c	.80	2.35	8.40

Wax Podded Bush Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
Davis White Wax	10c	20c	30c	50c	20c	40c	.70	2.00	7.20
Dwarf Golden Wax	10c	20c	30c	50c	20c	40c	.70	2.10	7.20
Wardwells Kidney Wax	10c	20c	30c	50c	20c	40c	.70	2.10	7.20

Dwarf Green-Podded Snap Beans

One quart will plant 150 ft. of drill.
Black Valentine. Long, round, solid green pods; very early.
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods.
Full Measure. A fine stringless bean with round, straight, green pods.
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.

Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp.
Dwarf Horticultural or Italian. An old standard snap and shell variety. The pods long, well filled, and tender, are splashed with red. Used largely for green shelled beans which are ready for use quite early.
Tenn. Green Pod. Extra early, hardy and prolific; and for these reasons very popular in the south. Pods long, broad, flat, irregular, nearly stringless and of fine flavor.

	Pkt.	½ lb.	1 lb.	2 lbs.	1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
Early Red Valentines	10c	15c	25c	45c	20c	35c	\$0.75	\$2.00	\$7.20
Black Valentines	10c	15c	25c	45c	20c	35c	.75	2.00	7.20
Bountiful	10c	15c	25c	45c	20c	35c	.75	2.00	7.20
Burpee's Stringless	10c	15c	25c	45c	20c	35c	.75	2.00	7.20
Dwarf Horticulture (Italian)	10c	15c	25c	45c	20c	35c	.75	2.00	7.20
Giant Stringless	10c	15c	25c	45c	20c	35c	.75	2.00	7.20
Tennessee Green Pod	10c	20c	30c	50c	25c	40c	.90	2.40	8.10
Full Measure	10c	20c	30c	50c	25c	40c	.90	2.40	8.10

Pole or Corn Field Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
Kentucky Wonder Pole	10c	20c	30c	50c	20c	40c	\$0.85	\$2.50	\$9.00
Horticultural Pole	10c	20c	30c	50c	20c	40c	.85	2.50	9.00
Lazy Wife	10c	20c	35c	60c	25c	50c	1.00	3.00	11.00
McCaslen Pole	10c	20c	35c	60c	25c	50c	.95	2.75	10.00
Red Speckled Cutshort	10c	20c	35c	60c	25c	50c	1.10	3.00	11.50
Fat Horse or Creaseback	10c	20c	35c	60c	25c	50c	.95	2.75	11.50
White Seeded Kentucky Wonder	10c	20c	30c	55c	25c	45c	.90	2.50	9.90
Kentucky Wonder Wax	10c	20c	30c	55c	25c	45c	.90	2.50	9.90
Golden Cluster Wax	10c	25c	40c	60c	25c	50c	1.10	3.00	11.50
Striped Creaseback or Nancy Davis	10c	20c	35c	60c	25c	50c	1.10	3.00	11.50

Notice Instructions on Page 2 regarding prices in this block.

By Express or Freight Not Prepaid



Full Measure

Dwarf Wax-Podded Beans

Davis' White Kidney Wax. Long waxy white; flat pods.
Golden Wax, Improved. Very early; flat pods, long stringless.
Wardwell's Kidney Wax. Early; long straight, flat, wax stringless pods.

Pole String Beans

Blue Ribbon, Ky. Wonder, or old Homestead—Hardy, vigorous and of exceeding fine flavor. The pods are 8 to 9 inches long; stringless when young.

Horticultural Pole, October or Speckled Cranberry—Used for both green and shell beans. Pods 5 to 6 inches long, straight, flat, stringless. Color dark green, splashed with red. Sometimes known as "Wren's Egg."

Lazy Wife—Used for green or shelled beans. Pods are thick, fleshy and entirely stringless.

McCaslen Pole Bean—Pods extremely long and well filled; stringless.

Red Speckled Cutshort or Cornfield—Pods long, stout, straight grained and light green in color.

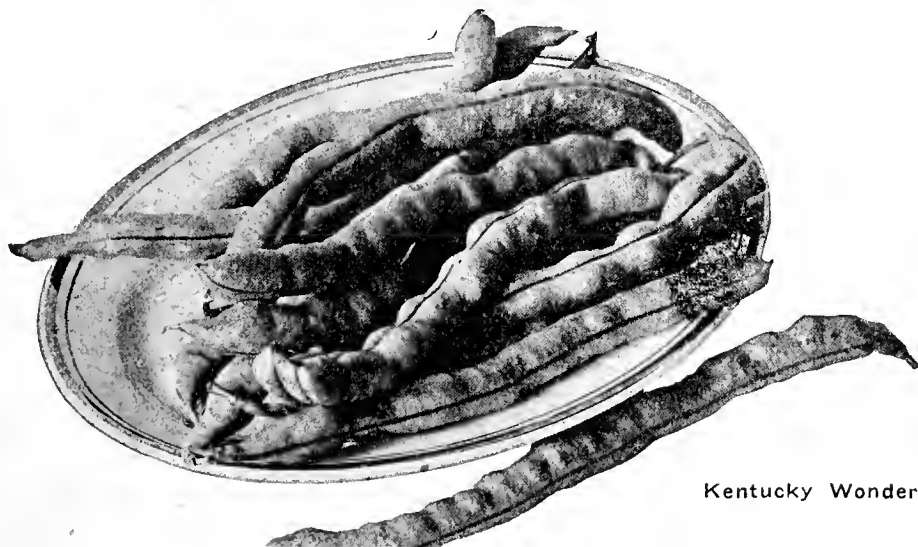
Fat Horse or Creaseback—Pods, round, slender and brittle. Beans white, pods light green in color.

Kentucky Wonder Pole Wax—Pods, long, thick and decidedly creasebacked, very fleshy, brittle, but stringy. Color, light yellow.

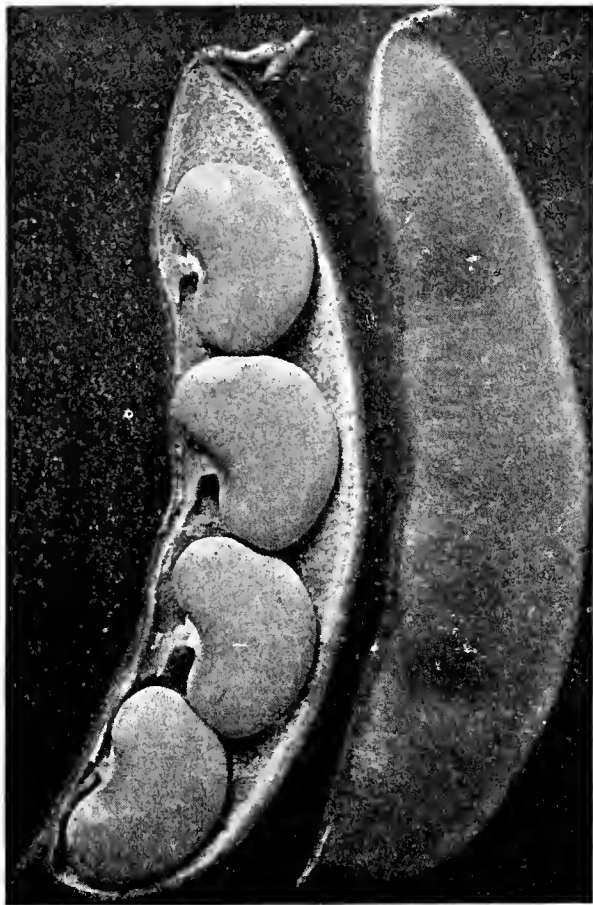
Striped Creaseback—Svotia, or Nancy Davis. A green-podded cornfield bean. The pods are very fleshy.

White Seeded Ky. Wonder—Similar to the Ky. Wonder except the beans are of different shape and white.

Golden Cluster Pole Wax—Very early, prolific, tender and of excellent flavor.



Kentucky Wonder Pole Beans



Large Pole Lima

Pole Lima Beans

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 2000 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seeds. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

Carpenteria Lima. The beans have a greenish tint; vines vigorous and very productive. A perfect Lima bean.

Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.

Large White Lima. One of the best shell beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected.

Giant-Podded Pole Lima. A rapid growing, very large podded variety. The beans are extra large and thicker than any other pole Lima.

King of The Garden. An improved strain of large white Lima. Produces very large pods.

Small Pole Lima or Butterbeans. Also called Sieva or Carolina. Not nearly so large as the other limas, but a good bearer and about ten days earlier than other varieties.

PRICES: POLE VARIETIES: LIMA BEANS

	Pkt.	By Mail	Postpaid	
		½ lb.	1 lb.	2 lbs.
Carpenteria	\$0.10	\$0.20	\$0.30	\$0.55
Extra Early Jersey .....	.10	.20	.30	.55
King of Garden .....	.10	.20	.30	.55
Large White Pole Lima ..	.10	.20	.30	.55
Giant Podded .....	.10	.20	.30	.55
Small Pole of Butterbean..	.10	.20	.30	.50

Notice Instructions on Page 2 regarding prices in this Block. Express or Freight Not Prepaid					
1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.	
\$0.25	\$0.45	\$1.10	\$3.00	\$11.00	
.25	.45	1.10	3.00	11.00	
.25	.45	1.10	3.00	11.00	
.25	.45	1.10	3.00	11.00	
.20	.40	.80	2.35	9.00	

Dwarf, or Bush Lima Beans

New Improved Bush Lima. A bush form of the large, flat Pole Lima.

Fordhook Bush Lima. It is of erect habit; Beans very large and heavy cropper.

Burpee's Bush Lima. Dwarf or bush of the large white pole variety.

Henderson's Bush Lima, or Dwarf Sieva. Very early small type with pods about 3 in. long.

DWARF OR BUSH LIMA BEANS

	Pkt.	By Mail	Postpaid	
		½ lb.	1 lb.	2 lbs.
New Improved Bush Lima	\$0.10	\$0.25	\$0.40	\$0.65
Burpees Bush Lima .....	.10	.20	.35	.65
Fordhook Bush Lima .....	.10	.30	.50	.90
Henderson's Bush Lima...	.10	.15	.25	.45

Notice Instructions on Page 2 regarding prices in this Block. Express or Freight Not Prepaid					
1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.	
\$0.30	\$0.55	\$1.30	\$3.80	\$14.00	
.30	.55	1.25	3.50	13.00	
.40	.75	1.60	4.00	15.00	
.20	.35	.75	2.10	8.00	

Beet

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forwarded thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	By mail postpaid		
	Oz.	¼ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use ..	\$0.10	\$0.15	\$0.45
Early Eclipse. Very early; dark blood color; small top .....	.10	.15	.45
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat .....	.10	.15	.45
Crosby's Egyptian. Extra early, round, dark red .....	.10	.15	.45
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red ..	.10	.15	.45
Long, Smooth Blood. A prolific variety, very dark in color .....	.10	.15	.45
Model Globe. A perfect globe shaped variety .....	.10	.15	.45

Swiss Chard

Postpaid
Oz. ¼ lb. Lb.

Swiss Chard. The roots of this variety are no value, but the leaves are superior to those of the ordinary Beet and excellent as greens\$0.05 \$0.15 \$0.50

Swiss Chard, Giant Luculus. An improved variety .05 .15 .50

All beets in 5 lb. lots deduct 25c per pound.

Mangel-Wurzel and Sugar Beet

Sow 6 to 8 pounds per acre.

Postpaid
¼ lb. Lb.

Golden Tankard. An enormous yielder per acre. Flesh deep yellow\$0.15 \$0.35

Mammoth Long Red. The largest and heaviest cropper of all the Mangels15 .35

Half Sugar. Large oval bronze green roots15 .35

Broccoli

(For Cultural Directions, see Cauliflower).

All Postpaid
Pkt. Oz. ¼ lb.

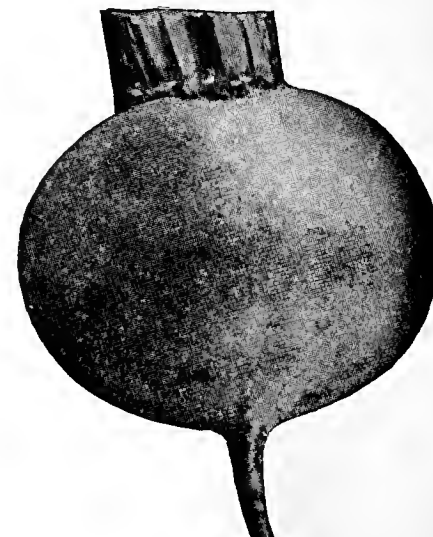
Italian Heading. Heads compact and of a creamy white color\$0.10 \$0.40 \$1.50

Brussels Sprouts

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts. All postpaid.

Postpaid
Pkt. ½ oz. Oz. ¼ lb.
Perfection. Solid round, sprouts of the best quality ...\$0.05 \$0.20 \$0.40 \$1.50



Crosby Egyptian Beet

Cabbage

One ounce will produce 3000 plants.



Copenhagen Market Cabbage

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

By Mail Postpaid
Pkt. Oz. ¼ lb. 1 lb.

Golden Acre. Uniform header, early flat, few leaves	\$0.05	\$0.15	\$0.55	\$2.00
Charleston Wakefield. Conical head variety, large and compact .....	.05	.15	.40	1.25
Copenhagen Market. Very early, round head; short stemmed .....	.05	.15	.50	1.75
Danish Ball Head. Very round; solid Winter sort. A fine shipper .....	.05	.15	.30	1.10
Early Flat Dutch. A second early Cabbage; large, solid heads .....	.05	.15	.30	1.10
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves .....	.05	.15	.40	1.25
Large Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.05	.15	.30	1.10
Succession. A week later than early Summer. Large, solid heads .....	.05	.15	.30	1.10
Large Late Drumhead. Very large head, solid, flat .....	.05	.15	.30	1.10
Louisville Drumhead. Home grown, we heartily recommend for the best large late headed cabbage .....	.05	.25	.80	3.00
Mammoth Rock Red. The largest red cabbage, colored deep red .....	.05	.15	.50	1.75

Note: For quantities 5 lbs. or more not prepaid deduct 5c per lb.

Celery

One ounce will sow about 300 feet of row and produce about 5000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use. By mail postpaid.

	½ oz.	oz.	¼ lb.
Giant Pascal—The stalks are solid and crisp; golden yellow heart.....	\$0.10	\$0.15	\$0.50
Golden Dwarf or Golden Heart—A distinct variety; crisp, solid; fine flavor.....	.15	.30	1.00
Golden Self-Blanching—French grown; crisp, tender and of fine flavor.....	.15	.30	1.00
Golden Plume—Two to three weeks earlier than any other variety.			
Blanches easily, solid, rapid growing heart; sweet, crisp and tender .....	.15	.30	1.00
White Plume—A valuable early variety. Requires very little blanching.....	.10	.20	.60
Celery Seed—Used in kitchens for flavoring soups .....	.05	.10	.30

Carrots

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and ½-inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

By Mail Postpaid
Oz. ¼ lb. 1 lb.

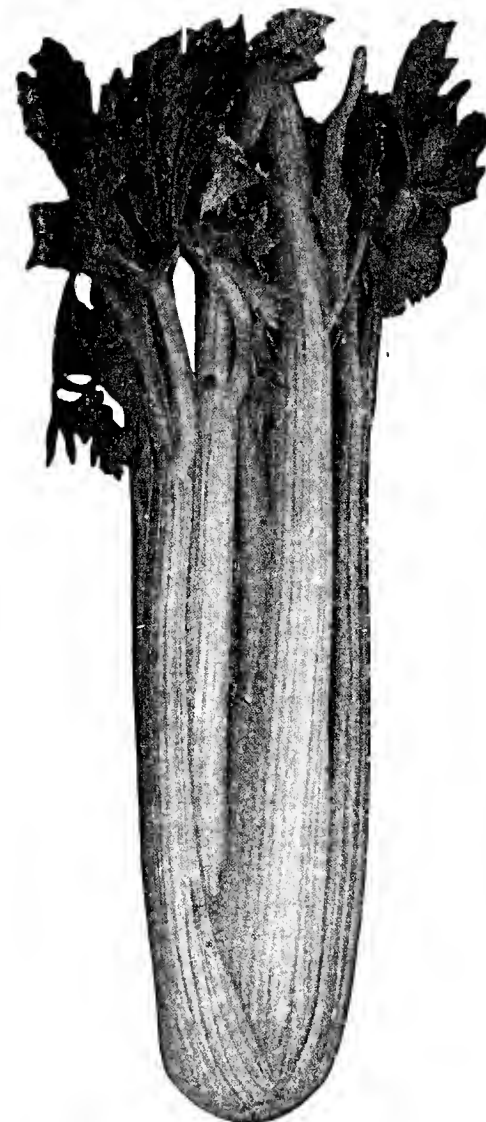
Early Scarlet Horn—Very thick roots; fine for frames	\$0.10	\$0.20	\$0.70
Chantenay Half Long Stump—Style of Nantes, broader shoulder .....	.10	.20	.70
Danvers Half Long—Large; of good quality and productive. One of the most popular sorts.....	.10	.25	.80
Long Orange—For garden and field crops this is the best variety .....	.10	.20	.70
Scarlet Intermediate—Fine exhibition variety.....	.10	.25	.80
Louisville Market—Half long—medium early. Flesh; very crisp and tender—Forcing .....	.10	.25	.80

Cauliflower

One ounce of seed produces about 3000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	Oz.	¼ lb.
Blue Ribbon Snow Ball —Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.....	\$0.20	\$1.50	\$5.00
Earliest Dwarf Erfurt —The best and earliest forcing under glass; very dwarf and compact, with short stem and small leaves.....	.20	1.50	5.00
Extra Early Snowball —One of the best for forcing or open ground .....	.20	1.50	5.00



Golden Plume or Wonderful Celery



Danvers Half Long Carrots

Sweet Corn

One quart (2 lbs.) will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 18 or 20 inches in the row.

From May until the middle of July a succession planning can be made every two or three weeks, and a continued supply can be had until frost kills the plants.

Culture—The early garden corns, such as Early Adams, Northern Field and Truckers Favorite can be planted the end of March or early in April. Sugar Corns cannot be planted until the ground begins to get warm. Frequent cultivation is necessary if you would have good corn.

Early Adams or Burlington—Ears eight inches long, 12 to 14 rows. Kernels, white, rounded and deeper than they are broad.

Extra Early Adams—Very small thick ears, close to the ground. Grain white, sweet and tender.

Early Northern Field—Finest early and late roasting ear variety. The ears are of good size and the grain of a fine quality.

Trucker's Favorite—Much larger than Early Adams and matures right after this variety.

Country Gentleman—Unsurpassed for main crop. Very small cob, grains in very uneven rows. Ears are 8 to 9 inches long. Matures a little later than Stowell's Evergreen.

Black Mexican—The best second early sweet corn. Grain bluish black when ripe, but in the green state almost the same color as other sweet corn.

Notice instructions on Page 2 regarding the prices in this Block.

Not Prepaid by Express or Freight

Corn Prices:		By Mail Postpaid			
	Pkt.	1 lb.	2 lbs.	5 lbs.	10 lbs.
Ex. Ey. Adams	.....\$0.10	\$0.20	\$0.25	\$0.60	\$1.05
Early Adams	..... .10	.20	.25	.60	1.05
Early Northern Field	.10	.20	.25	.60	1.05
Trucker's Favorite	.10	.20	.25	.60	1.05
Black Mexican	.10	.20	.30	.80	1.45
Country Gentlemen	.10	.20	.30	.80	1.45
Golden Bantam	.10	.20	.30	.80	1.45
Mam. Golden Giant	.10	.20	.30	.90	1.65
Stowell Evergreen	.10	.20	.30	.80	1.45
Late Mammoth	.10	.20	.30	.80	1.45

	1 lb.	2 lbs.	5 lbs.	10 lbs.	100 lbs.
	\$0.15	\$0.20	\$0.45	\$0.85	\$ 8.00
	.15	.20	.45	.85	8.00
	.15	.20	.35	.60	5.00
	.15	.20	.35	.60	5.00
	.20	.30	.65	1.25	12.00
	.20	.30	.65	1.25	12.00
	.20	.30	.65	1.25	12.00
	.20	.35	.75	1.45	14.00
	.20	.35	.75	1.25	12.00
	.20	.30	.65	1.25	12.00

POP CORN—

	Pkt.	1 lb.	2 lbs.	5 lbs.	10 lbs.	1 lb.	2 lbs.	5 lbs.	10 lbs.	100 lbs.
Queen's Golden	.... .05	.20	.35	.60	1.05	.15	.20	.45	.85	8.00
White Rice	..... .05	.20	.35	.60	1.05	.15	.20	.45	.85	8.00

Celeriac or Turnip-Rooted Celery

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague—The finest variety. Very large roots which are almost round. Pkt., 5c; ½ oz., 15c; oz., 20c. Postpaid.

Chervil

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil—The young leaves are used for flavoring soups and salads. Pkt., 5c; ½ oz., 50c; oz., \$1.00. Postpaid.

Chicory

Witloof, or French Endive—The stalks when blanched are used for salad. Pkt., 5c; ½ oz., 15c; oz., 25c. Postpaid.

Collards

Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia—Cabbage greens used as a substitute for Cabbage. Oz., 5c; ¼ lb., 10c. Postpaid.

Corn Salad or Fetticus

One ounce will sow 150 feet of drill.

Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded—The most popular variety grown. Oz., 10c; ¼ lb., 30c; 1 lb., \$1.00. Postpaid.

Sweet Sugar Corn

Golden Bantam—Best early golden yellow sweet sort. Being dwarf it can be planted closely, producing small yellow ears of delicious flavor.

Bantam Evergreen, or Golden Evergreen—A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs 12, 14, and 16 rows to the ear. The Bantam Evergreen, has the tender quality and sweet flavor of the Golden Bantam, combined with the productiveness of Stowell's Evergreen.

Late Mammoth—The largest and latest Sugar Corn. The ears grow about 12 inches long and have 14 to 16 rows.

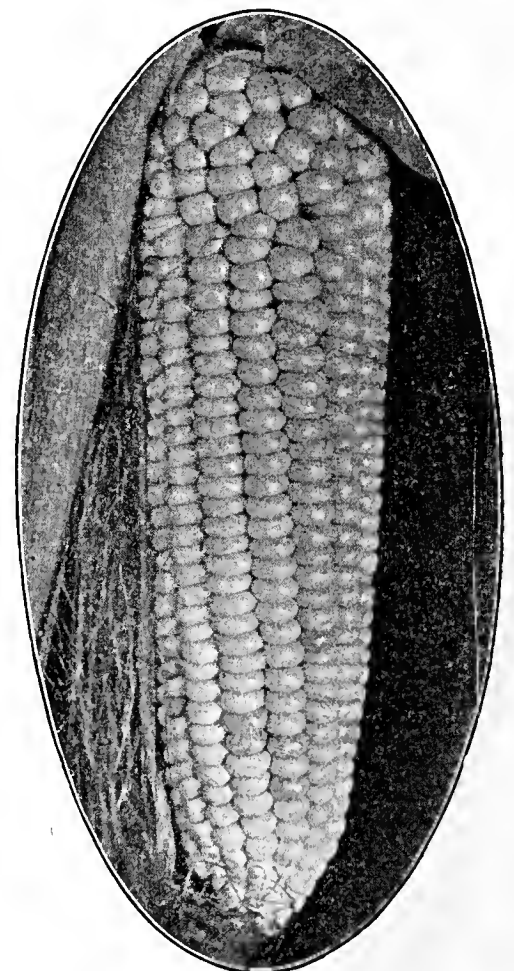
Mammoth Golden Giant—A cross between Golden Bantam and Howling Mob. This stalk usually bears two good, eating ears of corn, well filled and of delicious flavor.

Stowell's Evergreen—Ears 8 to 9 inches long; 16 to 18 rows to the ear. Unsurpassed for table and market, fine quality, deep grained, and white.

Pop Corn

Queen's Golden—Grain pops pure white, prolific, tender and of good quality.

White Rice—Finest quality and most popular of all.



Whippies' Early White Sweet Corn

Egg Plant

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room when the temperature will average 75 degrees.

By Mail Postpaid

Florida High Bush—Strong upright growth. Fruit similar in form and size to New York Purple. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

Improved Spineless—Claimed to have fewer spines than New York Improved; hence more easily gathered. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

Black Beauty—As large as New York Improved but ten days earlier. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

New York Improved—Purple; the best variety; very large, oval, heavy fruit. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

Long Purple—Fruit longer and smaller than the above sort; hardy; productive. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

Endive

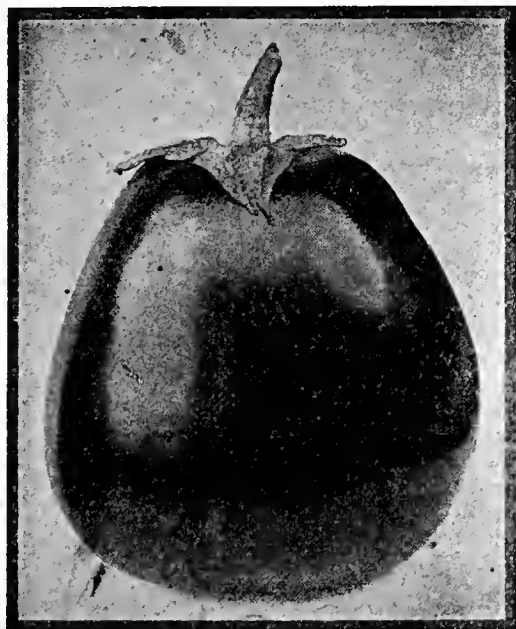
One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

Postpaid

Broad-leaved (Escarolle)—Leaves long and broad; thick and succulent. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Green Curled—Hardy, finely curled; easily blanched. One of the best. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.



Black Beauty Egg Plant

Cucumbers

1 ounce to 60 hills, 2 to 3 pounds to acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.

By Mail Postpaid.

Davis' Perfect. An excellent variety both for outdoors and forcing purposes. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality; for table use or pickles. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Extra Long White Spine. Much longer than ordinary White Spine; very prolific. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Green Prolific Pickling. Dark green; medium strength; very free bearer. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Improved Long Green. Long and crisp; a popular variety for pickles. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

West Indian Gherkin. Use only for pickles; the smallest of all varieties. Pkt., 5c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.00.

Kale or Borecole

All prices postpaid.

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

Dwarf Curled Siberian. Fine double curled leaves, very large. Will stand out all winter in this section without protection. Oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

Dwarf Green Curled Scotch or Norfolk. It has a finely curled leaf and a low spreading growth. Sown in August and September. Will not stand through winter. Oz., 10c; ¼ lb., 20c; 1 lb., 65c; 5 lbs., \$3.00.

Dwarf Blue Stem Curled Scotch Kale. This variety selected and developed from the finest types. Bred up to the largest and curliest types in existence we heartily recommend to all desiring to grow for market or shipping. Try some of this. Oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.



White Spine Cucumber

Late Seeded Siberian. Produces a large plant and the leaves are larger and more curled than the dwarf. If planted thinly plants grow to enormous size, covering in some instances two feet of ground. Oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

Spring or Smooth. Very hardy and the best variety for spring sowing. ¼ lb., 10c; 1 lb., 20c; 5 lbs., 75c.

Kohl-Rabi

One ounce will sow 300 feet of row.

Cultivate the same as Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

Early White Vienna—Very early and should be used before fully grown. Flesh white with greenish white skin. ½ oz., 10c; oz., 15c; ¼ lb., 40c.

Leek

One ounce will sow 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way as deep as possible, that the neck, being covered, may be blanched.

Large American Flag—The most desirable for market or family use. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Musselburgh, or Carentan—A very large variety of superior quality. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Lettuce

One ounce will sow 200 feet of drill.

Postpaid

Blue Ribbon Big Boston. Splendid shipper, sure header, reliable and hardy. Unsurpassed for outside culture and winter forcing. Heads extra large and compact, leaves, broad, smooth and wavy at the edge, light green in color. Our **Blue Ribbon Strain** of Big Boston is very superior to ordinary stocks, heads being free from brownish rust. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Deacon. A splendid variety for standing the Summer heat; large, solid head. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Giant Crystal Head, or Iceberg. Large, solid; outside leaves bright green, inside white. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Hanson Improved. Heads large, hearts quickly, and stands the Summer well. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

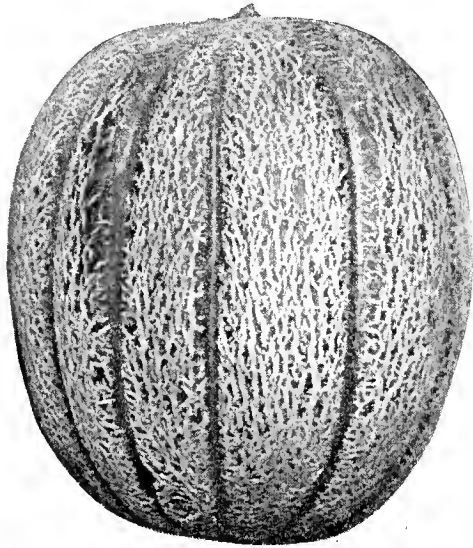
California Cream Butter. A cabbage heading variety suitable for all season planting. Heads large, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

New York, or Wonderful. Large solid heads; inside very white. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Black-Seeded Simpson. Nearly double the size of Curled Simpson. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Early Curled Simpson. One of the earliest and best for market. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Grand Rapids. This is regarded as the best forcing loose-leaved variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.



Tip Top Cantaloupe

Musk Melon

One ounce will plant 60 hills.

By Mail Postpaid
Pkt. Oz. ¼ lb. Lb.

Emerald Gem —Small, early; dark green skin; orange flesh; very sweet	\$0.05	\$0.10	\$0.30	\$1.00
Hackensack —Large, round and good quality .....	.05	.10	.30	1.00
Honey Dew —Large, round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor .....	.05	.10	.30	1.00
Osage, or Miller's Cream —A large oval, orange-salmon flesh Melon of superior quality .....	.05	.10	.30	1.00
Rocky Ford —Very sweet and fine flavored; oblong; light green flesh .....	.05	.10	.30	1.00
Tip Top —A slightly oval shape, netted and yellow-flesh variety; fine flavor .....	.05	.10	.30	1.00

Tip Top—One of the old popular gardener's type. Grows large, yellow when ripe, deep ribbed. Flesh very thick golden yellow and delightfully sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

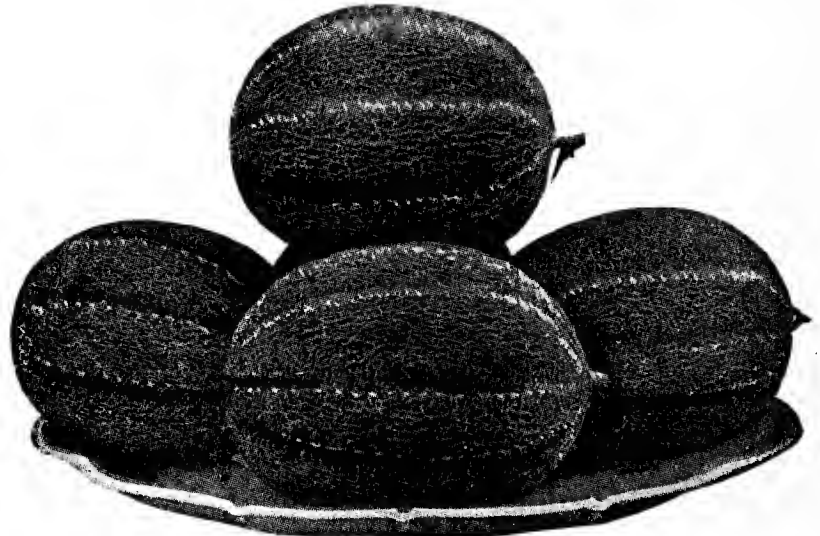
Eden Gem—A green flesh type of Rocky Ford Melon, shape round, very uniform in size. The flesh is very thick and it is a good shipper. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Knights Extra Early—An extremely early medium size melon, gray netted and distinctly ribbed. Flesh fairly thick and very sweet. A good shipper. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Bender Surprise—A large Salmon Fleshed Melon, delicious. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Banana—Banana shape. Long, smooth, yellow-skinned, salmon fleshed melon. 1 pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Blue Ribbon Gem—The finest green fleshed cantaloupe. A very large, exceptionally fine melon of the Rocky Ford type. About two weeks earlier than other varieties. Very prolific and hardy. Has phenomenally thick green flesh with golden yellow lining, small seed pockets, beautifully netted, slightly ribbed; excellent for table and market. Color, light green. Try this king of all muskmellons. 1 pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.



Blue Ribbon Gem Cantaloupe

Mustard

By Mail Postpaid

Chinese Mustard—A very vigorous sort; leaves light green, much crumpled, sweetly pungent. Very large. Oz., 10c; ¼ lb., 15c; 1 lb., 35c.

Fordhook Mustard—One of the best that grows for early Spring sowing, because it gets larger than any other mustard before shooting to seed. Oz., 10c; ¼ lb., 15c; 1 lb., 35c.

Southern Giant Curled—Very succulent, and of sweet flavor. Used the same as spinach or boiled with meat as greens. Cut when three inches high. Oz., 10c; ¼ lb., 15c; 1 lb., 35c.

Okra, or Gumbo

One ounce will plant 100 hills

This plant is extensively cultivated for its green pods, which are used in soups and

Okra—Continued.

stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

By Mail Postpaid

Dwarf Green—Very early; smooth pods. Oz., 10c; ¼ lb., 15c; 1 lb., 40c.

Perkins' Long Green—Long ribbed pods; very productive. Oz., 10c; ¼ lb., 15c; 1 lb., 40c.

White Velvet—Tender white pods; smooth and velvety in appearance. Oz., 10c; ¼ lb., 15c; 1 lb., 40c.

Onions

Mail Postpaid

Large Red Wethersfield. Half early and a good keeper; large size. Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

Onions—Continued.

Large White Portugal. The large, flat sort of the New York markets. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Large White Globe (Southport Strain). Very large and handsome. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.25.

Danvers Yellow. A round flat, standard sort; early and a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Japanese or Ebenezer. Bright yellow flat. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Australian Brown. Noted for keeping qualities and peculiar brown color; early, semi-globe shaped; productive. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Watermelons

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

Blue Ribbon Special Tom Watson—Most largely planted in the South. One of the best main crop sorts; grows to a very large size. Color, dark green, medium thick rind. Flesh rich red. Tender, juicy and luscious far into the rind.

Florida Favorite—Color dark green; flesh, rich red; rind medium thick but tough, making it a fairly good shipper.

Citron—Of no value except for preserves; for this purpose it is very fine.

Halbert's Honey—Shape oblong and very large, dark green rind. Flesh is deep crimson in color.

Irish Gray—A light greenish gray color. The rind is very hard and firm. The flesh is bright red, sweet and firm.

Augusta Rattlesnake—It is beautifully marked light green with dark green stripes.

Kleckley Sweet—Kleckley Sweet is still the mainstay of thousands of melon growers. Very thin rind, large, long and dark green in color and exceedingly sweet. Flesh deep red, ripening almost to the rind.

Peerless or Ice Cream—Medium size is oblong with dark green rind; flesh scarlet and of good flavor.

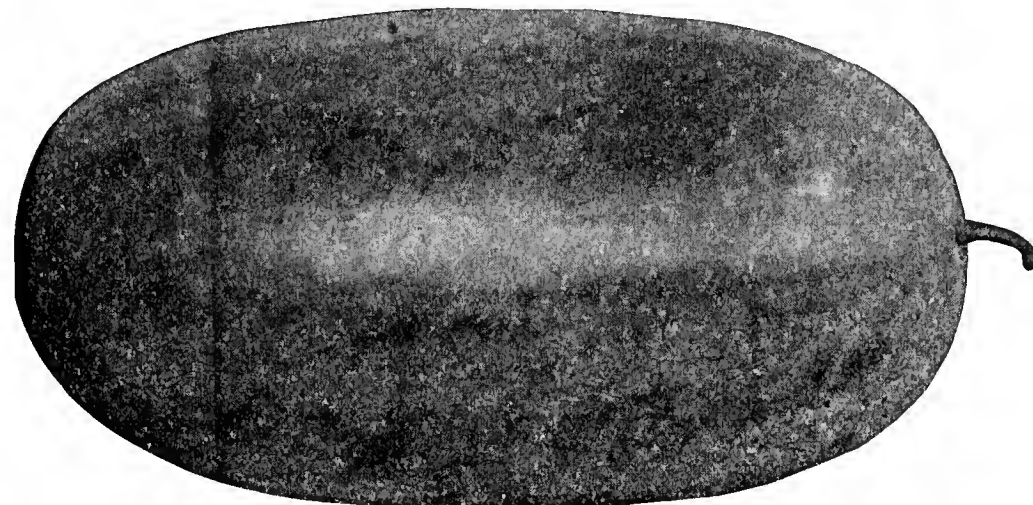
New Stone Mountain Melon—The largest in size, heaviest, sweetest, juiciest, solid throughout with fewer seeds than any melon ever introduced. Eat a great big chunk of heart, and it's most all heart, of a cold Stone Mountain melon and you'll never want to taste any other kind. Its big, dark green, almost round or "square-shaped," thin rind, deep colored watermelon-pink flesh, seeds white with brown edges.

Alabama Sweet—This variety is moderately early, oblong in form and of large size. Skin, medium green, irregularly striped a dark green, flesh bright scarlet, tender, sweet and firm. Has a tough rind.

Excell—Largest of the shipping varieties, midseason, fruit long, dark green with mottled stripes of a darker green. The flesh is red and very crisp.



Irish Gray Watermelon



Stone Mountain Watermelon

WATERMELON—

	Pkt.	All Postpaid		
		Oz.	¼ lb.	Lb.
Alabama Sweet	5c	10c	15c	50c
Augusta Rattlesnake	5c	10c	15c	50c
B. R. Tom Watson	5c	10c	15c	50c
Halbert's Honey	5c	10c	15c	50c
Irish Gray	5c	10c	15c	50c
Kleckley Sweet	5c	10c	15c	50c
Peerless or Ice Cream	5c	10c	15c	50c
Excell	5c	10c	15c	50c
Florida Favorite	5c	10c	15c	50c
Stone Mountain	5c	10c	15c	60c
Citron	5c	10c	30c	1.00

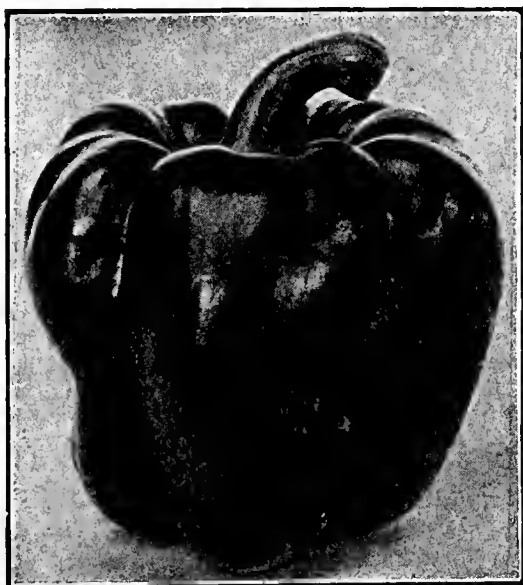
NOTE—In quantities of one pound or more, at purchaser's expense, deduct ten cents per lb.

Pepper

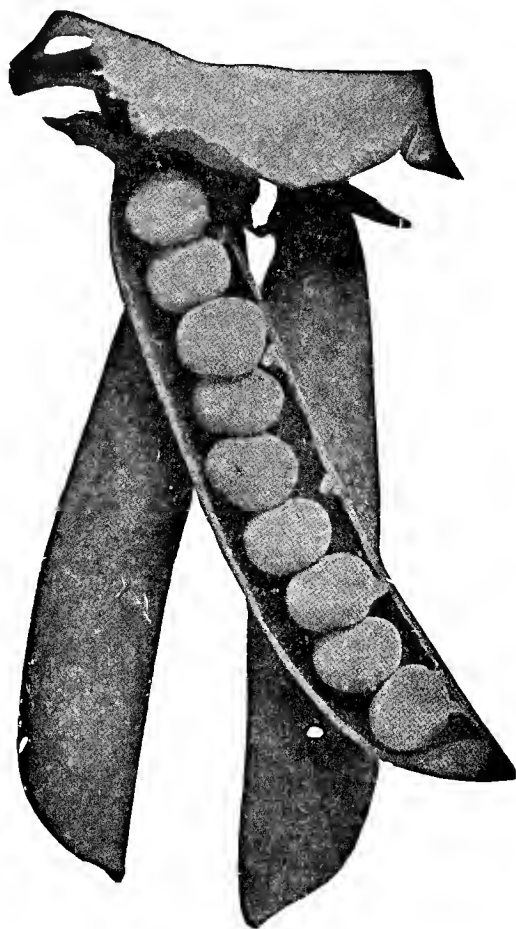
One ounce will produce 2000 plants.

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Plants may also be forwarded in small pots. By mail postpaid.

	Pkt.	½ oz.	Oz.	¼ lb.
Chinese Giant. Very large, bright scarlet	\$0.10	\$0.25	\$0.40	\$1.50
Large Bell or Bull Nose. Large, bright red, largely used for pickling, mild flavor .....	.05	.15	.20	.75
Pimento. Very large; flesh mild and sweet. Smaller than Ruby Giant .....	.05	.15	.20	.75
Ruby Giant. Bright red, 4 to 6 inches long; best for stuffing .....	.05	.15	.30	1.00
Sweet Mountain. Large size, regular handsome shape, mild flavor .....	.05	.15	.25	.90
Royal King. Sweet, glossy red, very mild .....	.05	.15	.25	.90
Cayenne, Long Red. Bright red, slender pods; 3 inches long .....	.05	.15	.20	.75
Red Cherry. Small, round red fruit .....	.10	.25	.40	1.50
Red Chili. Very productive; very small; red and very pungent .....	.05	.15	.30	1.00



Ruby King Pepper



Laxtonian Peas

Pumpkins

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

Cushaw or Crookneck—An excellent table variety having much the same quality as the squash. It grows to a good size and is productive.

Kentucky Field—An old-time variety, grown largely for stock feeding. Productive and quite large.

Kentucky Mammoth—This is a very large variety, well adapted to the South and in spite of its size is of high quality.

Large Cheese—This is very much like a cheese in shape. The rind is a light buff color, the flesh firm.

Tennessee Sweet Potato—This is a medium-sized pumpkin; the rind is a creamy white, striped with light green.

PUMPKINS—

By Mail Postpaid

	Oz.	¼ lb.	lb.	5 lbs.
Cushaw or Crookneck..	10c	30c	\$1.00	\$4.00
Kentucky Mammoth..	10c	40c	1.25	5.00
Large Cheese	10c	20c	.40	1.50
Tennessee Sweet Potato	10c	30c	1.00	4.00
Kentucky Field	10c	20c	.40	1.50

Peas

One quart will plant about 150 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

Extra Early Dwarf Peas

	Height in ft.
First and Best. Extra early smooth peas	2½
Alaska. One of the very earliest blue Peas; quite productive	2½
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green fine flavored Peas	1½
McLean's Little Gem. Light green pod 3 inches long	2½
Claudit. Pod much larger than Alaska	4
Hundredfold. Similar to Laxtonian ..	2½
Gradus, or Prosperity. The finest extra early Pea. The pods are very large	

and well filled, with large wrinkled green Peas	3
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor	1½
Little Marvel. Very early, wrinkled Peas, long pods	2
Nott's Excelsior. Splendid early wrinkled sort; very prolific	1
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor	3

Main Crop Peas

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly 6 inches, well filled	4
Champion of England. Well known standard variety	4
Telephone. Dark pod. A tall growing late sort, having pods of very large size, containing six or seven Peas of delicious flavor	4
White Marrowfat. A favorite; heavy yielder	4

Notice instructions on page 2 regarding the prices in this Block.

		By Mail		Postpaid		By Express or Freight				
		1	2	5	10	Not Prepaid				
		Pkt.	lb.	lb.	lbs.	lbs.	lb.	lbs.	lbs.	lbs.
PEAS—Early Varieties										
Alaskas	10c	25c	40c	\$0.75	\$1.40		20c	30c	60c	\$1.15 \$11.00
First & Best	10c	25c	40c	.75	1.40		20c	30c	60c	1.15 11.00
Thos. Laxton	10c	25c	45c	.90	1.70		20c	35c	80c	1.45 14.00
New Claudit	10c	25c	45c	.90	1.70		20c	35c	80c	1.45 14.00
Gradus	10c	25c	45c	.90	1.75		20c	35c	75c	1.40 13.50
Hundredfold	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Laxtonian	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Little Marvel	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
McLeans Little Gem	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Nott's Excelsior	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Alderman	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Chmp. of England	10c	25c	45c	.90	1.75		20c	35c	80c	1.45 14.00
Imp. Dark Pod Telephone...	10c	25c	45c	.90	1.75		20c	35c	75c	1.40 13.50
Large White Marrowfat.....	10c	25c	45c	.90	1.75		20c	35c	65c	1.25 12.00
Dwarf Melting Sugar	10c	45c	85c	2.00	3.50		30c	50c	1.10	2.10 20.00

Parsnips

One ounce will sow 200 feet of drill

Sow Parsnip seed as early in the Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground throughout the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost. Postpaid.

American Hollow Crown. Long, smooth and milky white. Oz., 10c; ¼ lb., 15c; lb., 50c.

Parsley

One ounce will sow 200 feet of row.

Sow as early as possible in Spring; first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Extra Double, or Moss Curled. A beautiful curled dwarf variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c. Mail postpaid.

Plain. A plain-leaved variety; fine for flavoring. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 55c. Mail postpaid.

Peanuts

All Postpaid

Peanuts are readily grown and when shelled can be planted in April or May in drills 2½ to 3 feet apart, placing the seeds 12 to 15 inches apart in the drills. By mail Postpaid.

Spanish—Smaller than Improved Virginia, but very early and extremely productive, 1 lb., 25c; 5 lbs., \$1.15.

Improved Virginia. Grows upright and produces heavy crops of large nuts. 1 lb., 25c; 5 lbs., \$1.15.

Tenn. Red. Similar to Spanish but the pods are longer, usually containing four nuts and sometimes five, mild and sweet flavor. 1 lb., 20c; 5 lbs., 90c.

Radishes One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

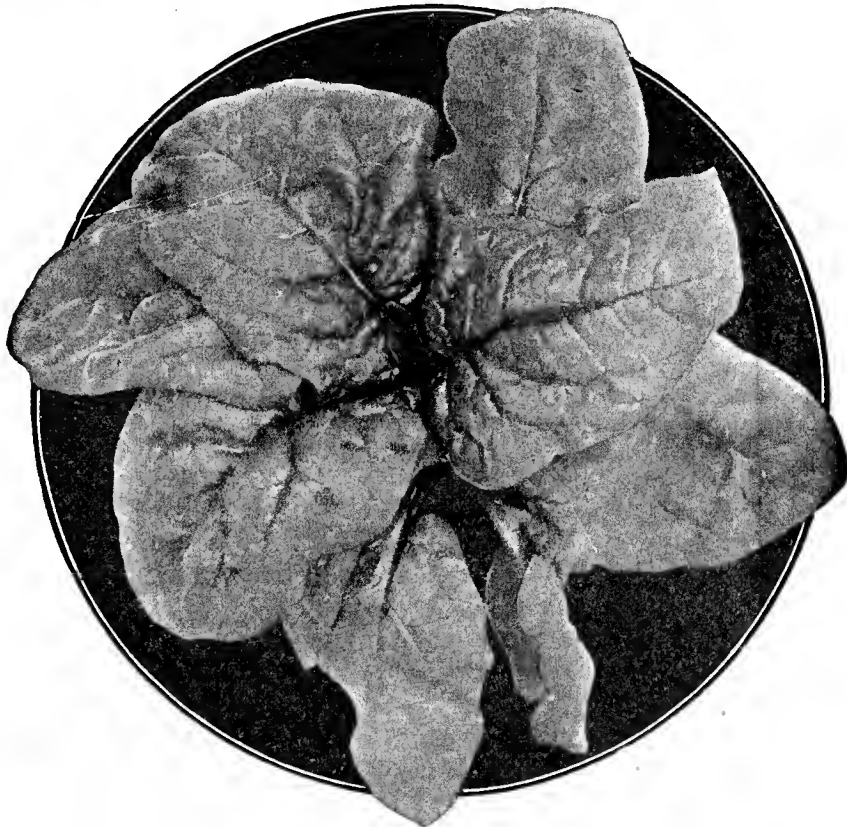
Winter varieties should be sown in July and August.

FORCING VARIETIES

	Pkt.	Oz.	1/4 lb.	lb.
Early Scarlet Turnip Forcing. Crisp; very early, nearly round..	\$0.05	\$0.10	\$0.20	\$0.60
Deep Scarlet Turnip Forcing. Round, short leaved, crisp; very early .....	.05	.10	.20	.60
Scarlet Turnip White-Tipped Forcing. Round, very early .....	.05	.10	.20	.60
Crimson Giant—Globe. Fine for forcing or open ground .....	.05	.10	.20	.60
Turnip, Scarlet White-Tipped—Very early for frames or outdoors .....	.05	.10	.20	.60
Wood Early Frame. Long red, early short top .....	.05	.10	.20	.60
Olive-Shaped French Breakfast. Pink and white; early .....	.05	.10	.20	.60
Long Scarlet Short Top. Very long; for frames or outdoors ....	.05	.10	.20	.60
Long Icicle. Pure white; of fine flavor; suitable for forcing....	.05	.10	.20	.60
In lots of 5 lbs. or more deduct 5c per lb. If not postpaid deduct 10c per lb. additional.				

WINTER VARIETIES

	Pkt.	Oz.	1/4 lb.	lb.
White Strasburg—The flesh is white, tender and mild. Pure white, firm of flesh, brittle and retains its delicious crispness. It does well during the entire summer	\$0.05	\$0.10	\$0.20	\$0.60
Rose China Winter—Very largely planted for fall and winter use. Half-long in shape and of a bright crimson color. The flesh is white, fine grained and of good quality.....	.05	.10	.20	.60
Long Black Spanish. The popular Winter sort .....	.05	.10	.20	.60
Round Black Spanish. Fine for Winter .....	.05	.10	.20	.60
Long White Spanish. A long Winter variety, fine flavor and quality .....	.05	.10	.20	.60
Giant White Stuttgart—Grows from four to five inches long, very thick at shoulder, but tapering to the lower end of the root. White and tender .....	.05	.10	.20	.60



Bloomsdale Spinach

Rhubarb

One ounce will produce 1000 plants.

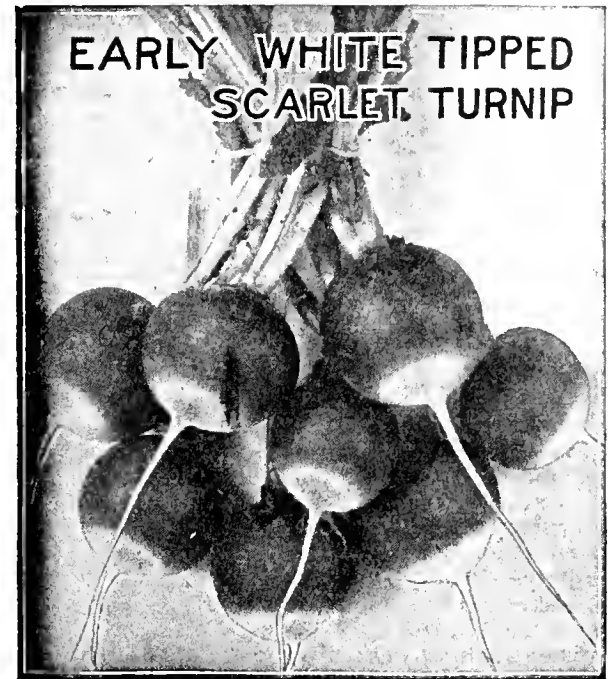
Sow in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way. By mail Postpaid.

Victoria. Very large; later than the Linnaeus. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50, postpaid.

Rhubarb Roots. Extra strong. Each, 15c; doz., \$1.75; 100, \$12.00.

Rhubarb Roots. For forcing. Each, 25c; doz., \$2.00; 100, \$15.00.

All roots postpaid or delivered by express prepaid.

**Spinach**

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter. By mail postpaid.

New Zealand. Makes a low spreading plant from which delicious tender green can be gathered the entire Summer. Oz., 10c; 1/4 lb., 15c; lb., 40c; postpaid.

Perpetual Summer, or Spinach Beet. Dark green leaves, which are produced all the Summer making a delicious Spinach when cooked. Oz., 15c; 1/4 lb., 40c; postpaid.

King of Denmark. A new variety for Spring planting. Dark green crumpled leaves and very slow to go to seed. Oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid.

Long Standing. Of delicious, tender quality; dark green. Oz., 10c; 1/4 lb., 15c; lb., 25c; postpaid.

Savoy-Leaved, or Blommsdale. Large, tender curled leaves. Oz., 10c; 1/4 lb., 15c; lb., 25c; postpaid.

Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing. Oz., 10c; 1/4 lb., 15c; lb., 25c; postpaid.

Squash

One ounce Early Squash will plant about 50 hills

One ounce Marrow Squash will plant about 25 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

	Pkt.	Oz.	1/4 lb.	Lb.
Improved Early White Bush Scallop. A good early shipping variety	\$0.05	\$0.10	\$0.25	\$0.85
Giant Summer Crookneck...Double the size of Summer Crookneck .....	.05	.10	.25	.85
Golden Summer Crookneck. Yellow fruit; distinct; best for summer				

RUNNING VARIETIES

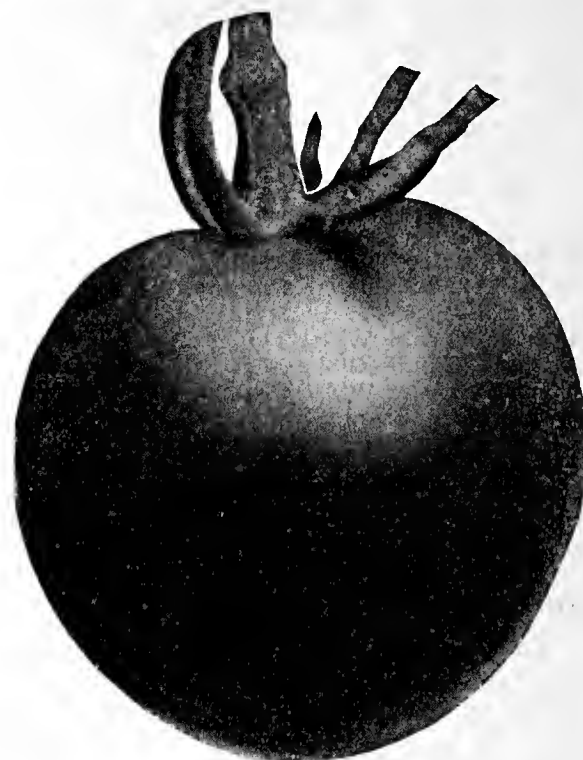
	Pkt.	Oz.	1/4 lb.	Lb.
Boston Marrow. Oval; bright orange; flesh yellow and fine	\$0.05	\$0.10	\$0.25	\$0.85
Fordhook. A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow .....	.05	.10	.25	.85
Improved Hubbard. Well known and liked for late use .....	.05	.10	.25	.85

Tomatoes

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, or window of sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart. By mail postpaid.

	Pkt.	½ oz.	Oz.	¼ lb.	1 lb.
Bonny Best. A very early bright red variety. Smooth, solid and uniform	\$0.05	\$0.15	\$0.25	\$0.80	\$2.75
Chalk's Jewel. An exceptionally fine early variety. Color crimson .....	.05	.15	.25	.80	2.75
Greater Baltimore —Midseason red. Firm, smooth .....	.05	.10	.15	.25	.90
June Pink —Uniform, smooth, pink .....	.05	.15	.30	1.00	3.75
Acme —Early purplest red. Smooth, solid .....	.05	.15	.25	.80	3.00
Beauty —Early purplest red. Smooth, solid .....	.05	.15	.25	.80	3.00
Brimmer —Similar to Ponderosa. Rich red, almost seedless .....	.05	.15	.30	1.00	3.75
Livingston Globe —Purplish pink. Solid, desirable for greenhouse .....	.10	.25	.45	1.50	4.75
Marglobe —Bright red. Second early, fruit large, smooth and globe shaped, almost coreless. Excellent for home or truck gardening .....	.05	.15	.25	.85	3.00
Crimson Cushion —Extra large, handsome, bright crimson..	.10	.15	.25	.85	3.00
Dwarf Champion —The plant is of dwarf and compact growth .....	.10	.20	.35	1.15	4.00
Dwarf Stone —Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit .....	.10	.20	.35	.90	3.25
Earliana —Extra early; bright red; smooth .....	.10	.20	.35	1.15	4.00
Golden Queen —A good yellow sort; first-class quality; large and solid .....	.10	.25	.45	1.50	5.00
John Baer —A beautiful, brilliant red variety; perfect, solid, high crown fruits .....	.10	.15	.25	.85	3.00
Matchless —Extra large, smooth and handsome, bright red; very solid .....	.10	.20	.35	1.15	4.00
Ponderosa —The largest variety in cultivation; very solid and meaty, purple .....	.10	.25	.45	1.50	5.00
Ponderosa Yellow —Truly as the name implies .....	.10	.25	.45	1.50	5.00
Stone —Very large, perfectly smooth; fine, bright scarlet..	.05	.15	.25	.85	3.00
SMALL FRUITED TOMATOES					
Red Cherry —Small fruits; used for pickles; very handsome .....	.10	.20	.40	1.25	
Yellow Pear —Handsome, yellow, Pear-shaped fruits ....	.10	.20	.40	1.25	
Yellow Plum —Round and regular; bright yellow .....	.10	.20	.40	1.25	



Marglobe Tomato

Salsify

One ounce will sow 150 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

Mammoth Sandwich Island. True. Large and superior; very fine flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75. By mail postpaid.

Turnips

One ounce will sow 200 feet of drill

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

Early Red or Purple Top Strapleaved—A good early, flat turnip. Roots are reddish purple above ground. Roots are in best condition for table use when about half grown.

Extra Early Red or Purple Top Milan—This is the very best early turnip. Extremely early, of high quality and rapid growth. Fine for either market or house use.

Extra Early White Milan—Similar to the red, but roots are white clear through.

Large Amber or Yellow Globe—Grows to a large size, of globe shape with light yellow skin; flesh is also yellow and of good quality.

Seven Top—Used extensively for greens, as it is very hardy and continues to grow throughout the winter. The roots are of no value, as the plant develops so much top. Used for grazing in the South.

Large White Norfolk—A variety grown extensively for stock-feeding, also for use as greens.

Long White Cowhorn—Rather resembles a carrot in growth, although generally inclined to be crooked. It is for rapid growth, pure white and good for either stock or table use.

Pomeranian White Globe—A fine variety.

Purple Top Yellow Aberdeen—Rather resembles Swede turnip. The flesh is a pale yellow, very firm and the roots keep well on into spring. It is later than most varieties, so should be sown a couple of weeks sooner than the other varieties for fall use.

Southern Prize—A very hardy sort; used largely for greens in same manner as Seven Top. The roots are also valuable for stock feeding; growing to a large size.

White Flat Dutch (Strap Leaved)—Similar to the above, except that entire root is white.

Wood, Stubbs Co.'s Improved Purple Top Globe—Our special strain of this turnip is extra fine. It has small tops and the roots are very uniform.

White Egg—An oval-shaped white turnip, the roots of which grow partly out of the ground.

Rutabaga

American Purple Top Yellow—This is the finest strain of Swede turnip procurable, both as to quality and production. The roots are large, but not coarse.

PRICES

TURNIPS—

Ex. Ey. Purple Top Milan	10c
Ex. Ey. White Milan	10c
Purple Top Globe	5c

All other varieties listed the same price as Purple Top Globe.

RUTABAGA—

Purple Top Yellow	5c
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MAIL POSTPAID

Oz.	¼ lb.	Lb.
10c	15c	40c
10c	15c	40c
5c	10c	30c

Oz.	¼ lb.	Lb.
5c	10c	30c

In quantities of one pound or more, at purchasers expense, deduct ten cents per pound.

Potatoes

GROWN EXPRESSLY FOR SEED IN THE NORTH

Peck will plant 100 foot row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 2 feet apart, cover lightly with soil about 4 inches deep.

At the time of going to press with this catalog the Potato market is so unsettled that prices are subject to change.

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment. Potatoes are forwarded by express or freight as directed, purchaser paying charges.

Semesan Bel. Potatoes treated with Semesan Bel will be freer from disease and yield much larger crops. Ask for circular on potato treatment.

Second Crop Home Grown Stock

Certified Home Grown Irish Cobblers—

These potatoes are field selected and certified by the Department of Agriculture, both while standing in the field and when dug. After the potatoes are sacked in 150 lb. bags only, they are sealed by the Dept. of Agriculture so there can be no mistaken identity. They are put up in 150 lb. bags only and bags cannot be broken. Price per bag quoted on enquiry only.

Selected Irish Cobbler Seed Potatoes. Pk., 50c; bu., \$1.50; 150 lb. bag, \$3.00. F. O. B. Louisville.

Petoskey Potatoes—A round white potato of the finest cooking quality. Pk., 50c; bu., \$1.50; 150 lb. bag, \$3.00. F. O. B. Louisville.

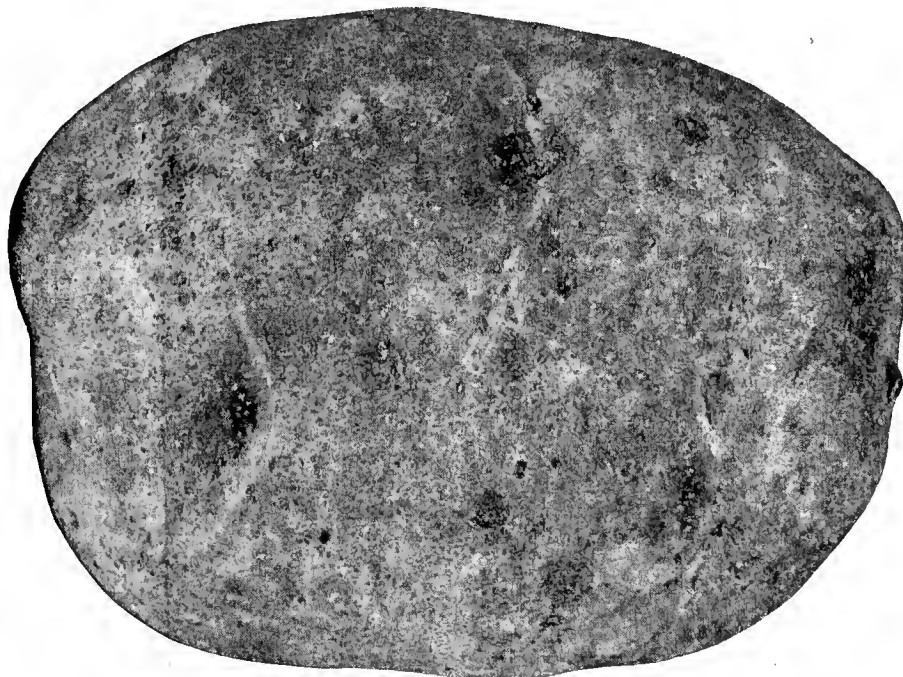
Carman—A round, white, fine quality, late potato. Pk., 50c; bu., \$1.50; 150 lb. bag, \$3.00. F. O. B. Louisville.

Northern Grown Seed Potatoes

Irish Cobbler Potatoes—The same type as the home grown stock except that they are grown in Maine or the northern central states. Pk., 50c; bu., \$1.50; 150 lb. bag, \$3.00.

Early Ohio Potatoes—Oval shaped, pink tinted and a good size. Early, Pk., 50c; bu., \$1.50; 150 lb. bag, \$2.75.

Early Rose Potatoes—Long, pink skinned. Very early. Pk., 50c; bu., \$1.50; 150 lb. bag, \$2.75.



Cobbler

Red Triumph Potatoes—Popular in the south, very early in central sections. Only good for very early use. Pk., 50c; bu., \$1.50; 150 lb. bag, \$3.00.

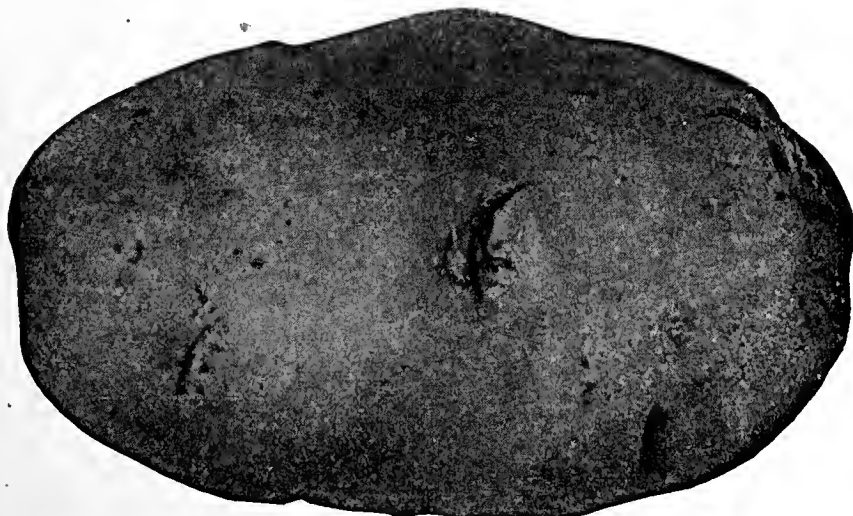
Burbank Potatoes—Oblong, large size, white potatoes. Late variety, excellent for table use. Pk., 50c; bu., \$1.50; 150 lb. bag, \$2.75.

Herbs—Sweet and Medicinal

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

By Mail Postpaid

	Pkt.	Oz.
Anise—Annual. Used for flavoring and garnishing.....	\$0.05	\$0.20
Balm—Perennial. Leaves have a fragrant odor and are used medicinally .....	.05	.20
Basil, Sweet—Annual. Used for flavoring soups, stews, etc....	.05	.20
Borage—Annual. Leaves are used for flavoring, and bees are attracted by the flowers .....	.05	.20
Caraway—Perennial. Used for flavoring confectionery, bread etc. ....	.05	.20
Coriander—Annual. Used in the manufacture of confectionery .....	.05	.20
Dill—Biennial. The seeds are aromatic and pungent. Used in pickling Cucumbers .....	.05	.20
Fennel, Sweet—Perennial. Leaves when boiled are used in sauces .....	.05	.20
Horehound—Perennial. Used medicinally, also for seasoning .....	.10	.50
Marjoram, Sweet—Annual. Aromatic and fragrant. Much used in flavoring .....	.10	.50
Sage—Perennial. More used than any other herb for dressings and seasonings .....	.10	.50
Summer Savory—Annual. Used for flavoring soups and dressings .....	.10	.50
Thyme—Perennial. Used for seasoning. Also used medicinally .....	.10	1.00



Ohio

Tobacco

Buy Your Seed of Known Origin and of A Reliable Source



WHICH CROP WILL YOU CHOOSE?

Left and right: Root-Rot Resistant Tobacco—the kind that grows as well on old tobacco land as any does on virgin soil. Makes uniform stand early maturity, topping and curing easier, with little resetting.

Center: A row of common variety—the kind that is susceptible to Black Root-Rot, the destructive disease infecting over 60 per cent of all Burley tobacco land. Root-Rot causes poor yields, late maturity and irregular stand of Burley Tobacco. Makes lots of resetting and topping harder.

After many years of handling high grade tobacco seed, we believe that the tobacco seed grown by Mr. J. V. Shipp, is by far superior to any offered by tobacco growers. We know of no one more careful or successful in handling a pure and highly developed strain of tobacco seed, and request that you read carefully the following statement made by him.

ORDER SHIPP'S ROOT-ROT RESISTANT STAND-UP WHITE BURLEY TOBACCO SEED

The latest Improved type of Pure Stand-Up White Burley developed by the Kentucky Experiment Station.

I am a tobacco grower as was my father before me. I was raised in the heart of the Burley tobacco district. I know the business thoroughly and have scientifically studied it in all of its details. To my mind, a poor tobacco yield cannot always be attributed to lack of rain or low fertility. Much of the time it is caused by a rotten root system.

A good many people do not know it but fully sixty per cent of all Burley tobacco ground is infected with a fungus disease commonly called root-rot, which attacks the roots of the plants, rotting them off. This results in poor and shallow feeding and the plants cannot mature into strong, healthy tobacco. They are stunted, their growth is impaired and they frequently succumb in long periods of dry hot weather.

Root-Rot causes poor yields, late maturity and irregular stands of Burley tobacco, makes lots of resetting and topping harder.

The Kentucky Experiment Station long since recognized this fact and many experiments were made year by year in an attempt to discover a strain of tobacco that would resist this root rotting fungus.

THEY WERE SUCCESSFUL! A ROOT-ROT RESISTANT TYPE WAS DEVELOPED

Naturally, all of us growers were interested, and we watched these experiments carefully because we all wanted to secure a strain of tobacco seed that would produce uniformly a big yield of high quality. We wanted a type of Burley that will produce a high grade leaf of good color, quality and weight on either old land or virgin soil.

It looks to me, like it was real horse sense to plant that kind of seed and get the greatest benefit out of our land and our labor.

Why, thought I, plant scrub uncertain tobacco seed any more than trying to raise scrub cattle? It looks to me just about the same thing. Well, I profited by those experiments at the Station and I am now growing that kind of tobacco seed. I call it

SHIPP'S ROOT-ROT RESISTANT STAND-UP WHITE BURLEY TOBACCO SEED

It produces a rich yield of Stand-Up White Burley that pays the grower well for his acreage and his effort. This type of tobacco

WHICH ROOT GROWS THE BEST TOBACCO

The roots shown in above photograph were grown side by side on infected land.

Left—Shipp's Root-Rot Resistant strain. Note the ample feeding area, due to the long, wide spreading roots of the Resistant strain. Such roots enable the plants to withstand long periods of hot dry weather.

Right—A common variety, an old-time favorite, susceptible to root-rot disease. Root-rot has done its work as is clearly shown by the picture.

GOOD SEED GROWS FINE TOBACCO

is bringing the highest prices on the market to-day.

I grow this seed with the same scientific methods as are used by the Experiment Station. It is just as carefully handled and recleaned. I have sold it to many growers in the Burley belt, in fact, have sent it to many foreign countries. It has always produced successfully.

TOBACCO

Buy Your Seed of Known Origin and of A Reliable Source

GET THE MOST OUT OF YOUR TOBACCO LAND

ROOT-ROT RESISTANT TYPES

The old standard varieties of Burley Tobacco are all susceptible to root-rot and will fail on diseased land. Root-Rot Resistant strains similar to these varieties have been developed and can be furnished if preferred.

SHIPP'S WHITE BURLEY ROOT-ROT RESISTANT. SHIPP'S RED BURLEY ROOT-ROT RESISTANT.

JUDY'S PRIDE TYPE OF STAND-UP WHITE BURLEY.

KELLEY TYPE OF STAND-UP WHITE BURLEY.

VIMONT-KELLEY HEAVY TYPE OF STAND-UP WHITE BURLEY.

WHITE TWIST BUD.

All above varieties priced \$1.25 per oz.; half oz., 75c; postpaid.

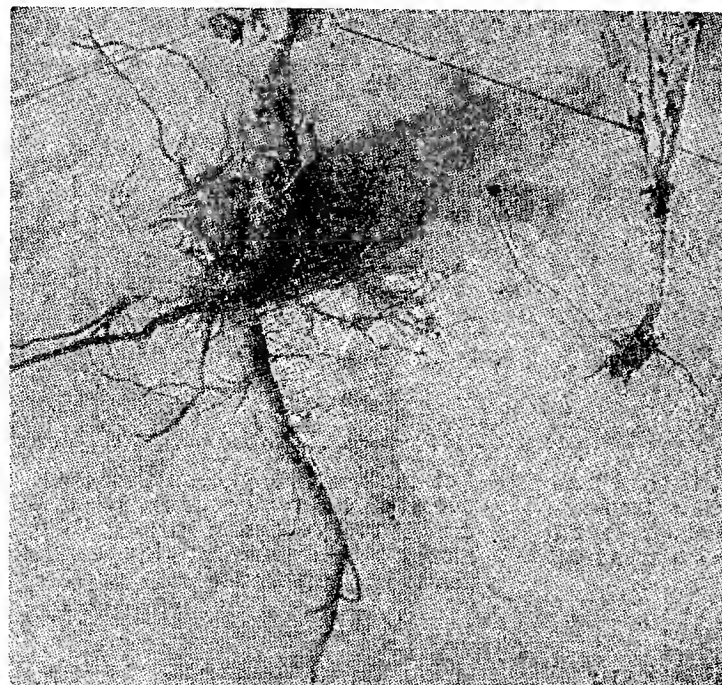
Bulk quantities quoted on request.

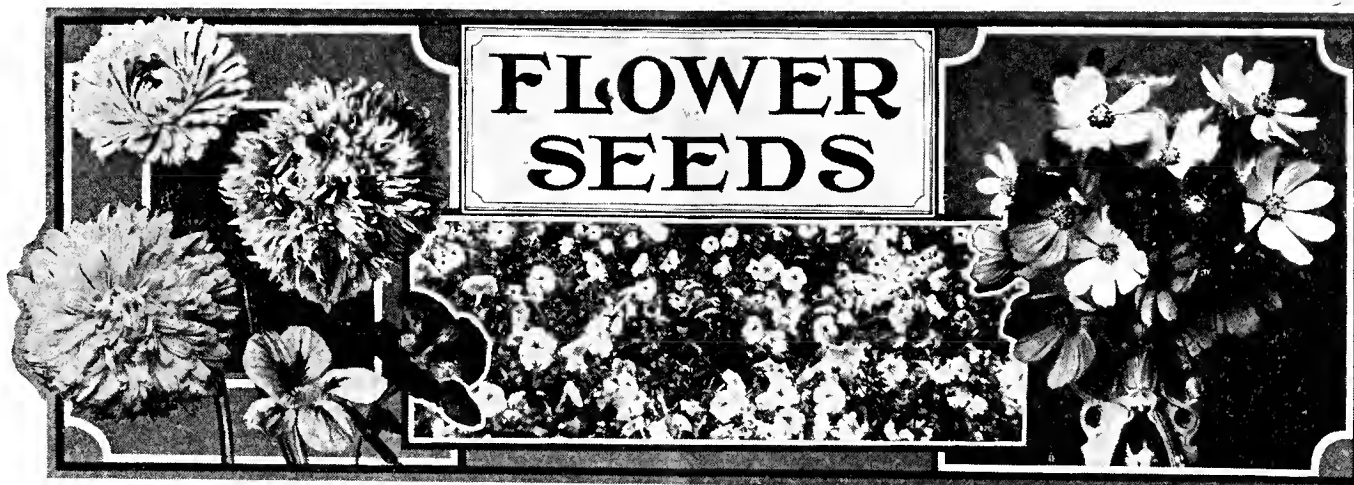
Connecticut Seed Leaf. A quick maturing, stocky sort; leaves are moderate length and of a good width. Good for fillers. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Improved Yellow Pryor. Makes fine plug wrappers, cutters, fillers and smoking tobacco. On rich land yields a heavy crop. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Blue Pryor. A favorite heavy, dark tobacco for black strips, wrappers and fillers. Broad, long leaves. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Yellow Oronoko. One of the best for fillers, smoking or homespun twist. It cures a rich red; has a long narrow leaf. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.





Blue Ribbon Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those, which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

- H. A. designates Hardy Annuals—Lasting but one year.
 H. H. A. " Half-Hardy Annuals — Last but one year.
 H. B. " Hardy Biennials—Lasting but two years.
 H. H. B. " Half-Hardy Biennials — Require protection during Winter.
 H. P. " Hardy Perennials—Lasting three or more years.
 H. H. P. " Half-Hardy Perennials—Require protection during Winter.
 H. C. " Hardy Climber—Lasting three or more years.
 G. P. " Greenhouse Plant.
 H. A. C. " Hardy Annual Climber.

ACHILLEA ptarmica, "The Pearl," H. P. Double white flowers. Pkt., 5c; ¼ oz., 25c.

ACONITUM NAPELLUS (Monkshood). Handsome hardy herbaceous plant throwing bold spikes of dark blue flowers in summer. Effective in hardy flower borders. Height 3-4 ft. Price, large packet, 5c.

AGERATUM. H. A. Blooms throughout the Summer; feathery flowers in clusters. **Blue Perfection**. Very fine dwarf. 9 in. ¼ oz., 35c; pkt., 5c.

Mixed Dwarf. ¼ oz., 25c; pkt., 5c.

AGROSTEMMA coelirosa (Rose of Heaven). H. A. Bright rose; excellent for cutting. 18 in. ¼ oz., 35c; pkt., 5c.

ALYSSUM. H. A. Pretty little plants for beds, vases, baskets, edgings or rock-work; blooming profusely all Summer. **maritimum** (Sweet Alyssum). Fragrant white; flowers all Summer. 6 in., oz., 50c; pkt., 5c.

maritimum compactum, Little Gem. Grows erect; fine for edging. Oz., 80c; pkt., 5c.

procumbens. Carpet of Snow. Dwarf; pure white. 4 in. ¼ oz., 25c; pkt., 5c.

AMARANTHUS. H. A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden. **caudatus** (Love Lies Bleeding). Long drooping crimson spikes. 3 ft. ¼ oz., 35c; pkt., 5c.

tricolor (Joseph's Coat). Leaves red, yellow and green 2 ft. ¼ oz., 50c; pkt., 5c.

ANCHUSA capensis. H. A. Flowers resembling large Forget-me-nots. 18 in. ¼ oz., 75c; pkt., 5c.

grandiflora (Dropmore Variety). H. P. Large flowered, dark blue. 5 ft. ¼ oz., 50c; pkt., 10c.

ANEMONE (St. Brigid). A beautiful half poppy flowered varieties, hardy perennial flowering from seed the second year. Produce in abundance large single, semi-double, and double flowers 3-5 inches across in endless varieties of color. For cutting they are unsurpassed and in the garden they flower until after frost. Sow the seed in January or February under glass. Summer sowing is also advisable. Price, large packet, 5c.

ANTIRRHINUM. H. H. B. The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.

Large-flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.

Dwarf Fine Mixture. All colors. ¼ oz., 30c; pkt., 10c.

Giant Large-flowered Mixed. Fine variety of colors. ¼ oz., 30c; pkt., 10c.

AQUILEGIA or Columbine. H. P. Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

Scott Ellison Strain Long-spurred Hybrids. A grand variety of colors of the long-spurred and large-flowered forms. 3 ft., 1-16 oz., 50c; pkt., 5c.

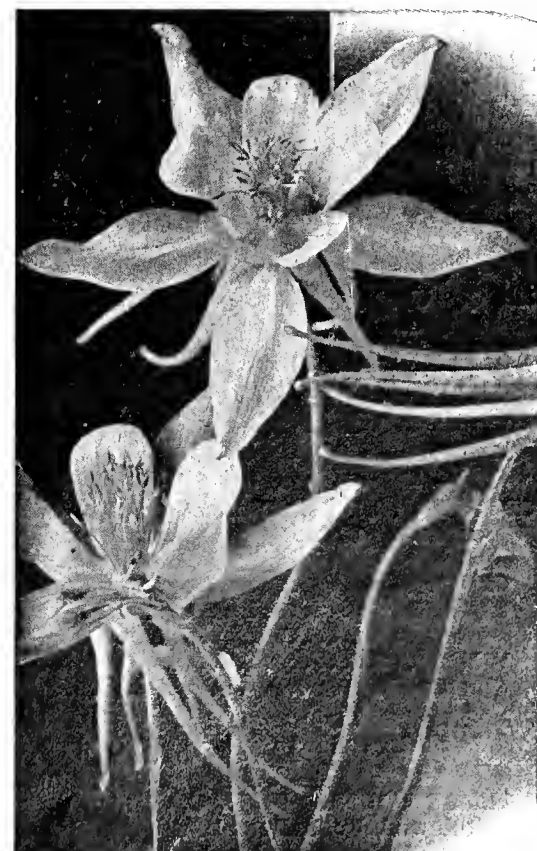
chrysantha. Long-spurred, golden yellow. 2 ft. ¼ oz., 50c; Pkt., 5c.

chrysantha grandiflora alba. Large pure white. 2 ft. ¼ oz., 60c; pkt., 5c.

skinneri. A beautiful scarlet, tipped green. 2 ft. ¼ oz., 50c; pkt., 5c.

Single. Mixed colors. ¼ oz., 50c; pkt., 5c.

Double-flowering. Mixed colors. ¼ oz., 50c; pkt., 5c.



Aquilegia or Columbine



Chrysanthemum—Flowered Aster

ASTERS

Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best.

CHRYSANTHEMUM-FLOWERED. Dwarf.

A splendid variety of compact habit. 12 in.

	Pkt.
Apple Blossom	\$0.05
Fiery Scarlet .....	.05
Light Blue .....	.05
White .....	.05
Finest Mixed Colors .....	.05

GREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful large flowers. 2 ft.

	Pkt.
Crimson	\$0.05
Lavender .....	.05
Rose .....	.05
White .....	.05
Finest Mixed. All colors .....	.05

IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting. 2 ft.

	Pkt.
Crimson	\$0.05
Light Blue .....	.05
Shell Pink .....	.05
White .....	.05
Finest Mixed. All colors .....	.05

KING. Upright growth; large flowers with long and narrow petals. 2 ft.

	Pkt.
Crimson	\$0.05
Pink .....	.05
Violet .....	.05
White .....	.05
Finest Mixed .....	.05

OSTRICH PLUME. Splendid class, fine for cutting. 18 in.

	Pkt.
Crimson	\$0.05
Light Blue .....	.05
Rose .....	.05
White .....	.05
Finest Mixed Colors .....	.05

ASTER. Michaelmas Daisy. H. P. Large flowering, hardy mixed, Fall flowering varieties. 2½ ft. ¼ oz., 75c; pkt., 5c.**BALLOON VINE.** H. H. C. White flowers, followed by balloon-like seed pods. 15 ft. pkt., 5c.

ARABIS ALPINA (Rock Cress). A fine dwarf hardy perennial largely used for rock gardens. Flowers are pure white and bloom early in the spring. Pkt., 5c.

ARGEMON HYBRIDA GRANDEFLORA Large flowering prickly poppies from plants about 3 feet high and 18 inches across. Large single poppy like flowers of greyish green with silvery ribs. Easily grown from seed. Pkt., 5c.

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine) Luxuriant hardy climber; large leaves, making dense shade; flowers, yellow and brown; mottled and curiously shaped. Will grow 30 ft. tall. Pkt., 5c.

ARTEMESIA (Summer Fir) This ornamental foliage plant is an annual and owing to its fast growth reaches its full size the year of sowing. It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas tree. The color of the finely pinnated foliage is rich dark green. Pkt., 5c.

ORNAMENTAL ASPARAGUS (Plumosus Nanus) Greenhouse climber with Fern-like foliage. Pkt., 5c.

(Sprengeri) Decorative perennial for pots, vases, etc., drooping chenille-like fronds, 4 feet long. Pkt., 5c.

AUBRETIA (Rainbow Rock Cress) Large flowering hybrids mixed. A fine hardy perennial plant suitable for rock gardens and edgings. Flowers, mauve, rose, etc., height, 1 ft. Pkt., 5c.

ARTOTIS GRANDIS. The large, pearly white flowers are borne on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse and in the center of the flower is a light blue disc surrounded with white stamens and a narrow golden band. Seen in the bright sunlight a very charming effect is produced as the white petals contrast beautifully with the blue disc and the stamens. The plant is of branching habit and forms a clump 2 to 3 feet high; when in flower the entire bush seems to be covered producing a very striking effect in either bed or border. Pkt., 10c.

BALSAM, Double. These are the most perfect in form and largest flower yet developed in this old garden favorite, which is among the most popular of summer annuals height 1½ to 2 feet. Choice double mixed. 500 seeds, 40c; Pkt., 5c.

BARTONIA, Golden (Aurea). A native of California, and one of our showiest annuals. It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow-stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. Pkt., 5c.

BEGONIA (Magnifica). A very striking bedding or pot plant, producing bright crimson flowers; dark bronze foliage, plants bushy and compact, about 10 inches high. Per 1,000 seeds \$1.00; Pkt., 5c.

(Prima Donna). Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1¼ inches in diameter, and of charming rose color shading to carmine in center. Per 1,000 seeds \$1.00; Pkt., 10c.

(Vernon). Fine bedding and pot plant, 6 inches high, blood red flowers in profusion. Per 1,000 seeds, \$1.00; Pkt., 10c.

(Radio). The plants, 1 foot high, are strong and the blossoms form large **BLUE LACE FLOWER** (See *Didiscus caerulea*).

BRACHYCOME iberidifolia. H. H. A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual; 18 in. Mixed colors. ¼ oz., 40c; pkt., 5c.

BROWALLIA (Speciosa Major). Free Flowering annual for either gardens in summer or pot culture in winter; produces flowers 1½ to 2 inches across, indigo blue with white throat; 1 ft. Pkt., 5c.

CALENDULA (Cape Marigold). H. A. Free and continuous flowering garden plants. 12 in.

Orange King, grandiflora. Dark orange red. Oz., 75c; pkt., 5c.

Prince of Orange. Orange, with dark eye. Oz., 75c; pkt., 5c.

Sulphur Crown. Very large double sulphur yellow. Oz., 75c; pkt., 5c.

The Ball. Very large, double orange flowers with long stems. ¼ oz., \$2.00; pkt., 20c.

Finest Mixed. All varieties. Oz., 50c; pkt., 5c.

loose clusters. The color is a pure brilliant carmine rose contrasting most effectively with the golden-yellow anthers and the brown tinted dark green foliage. Pkt., 5c.

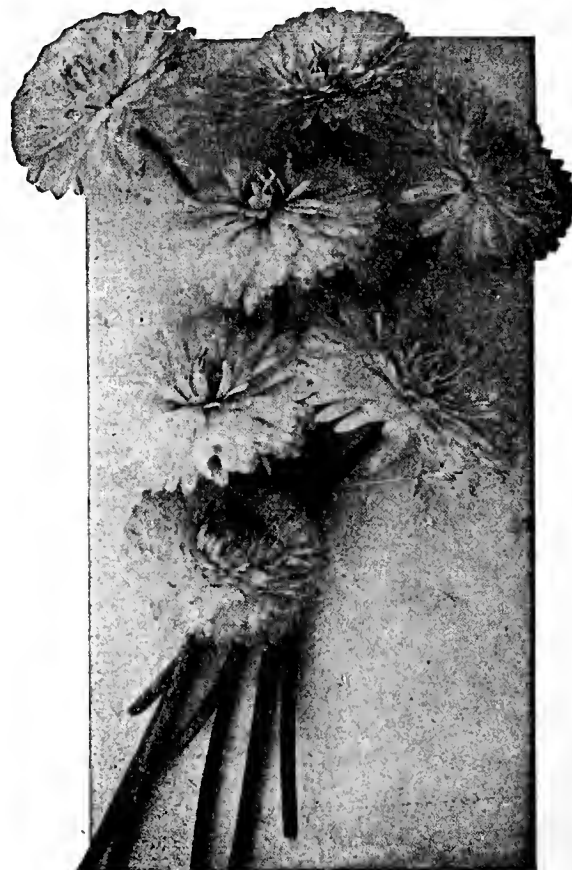
BELLIS perennis fl. pl. (Double English Daisy). H. P. Popular Spring-flowering perennial often used with Pansies and Forget-me-nots. 6 in. Giant Mixed. Pkt., 5c.

Calendula Radio. An outstanding novelty of recent years. Rich orange like the Ball Variety but petals are quilled. Be sure to include these in your order. Pkt., 25c.

CALLIOFSIS. H. A. Nothing is more effective than a large bed of these golden flowers; exceedingly free flowering.

Dwarf, Finest Mixed. All shades of yellow, red and brown. 12 in. ¼ oz., 30c; pkt., 5c.

Tall Mixed. A grand variety for cutting. 2 ft. ¼ oz., 30c; pkt., 5c.



Bellis or English Daisy



Dianthus or Hardy Pink

CAMPANULAS. H. P. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.

pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft. Mixed $\frac{1}{4}$ oz., 75c; pkt., 5c.

CANTERBURY BELLS. H. B. Well-known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders. 2 ft.

medium calycanthema ("Cup and Saucer") A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer. 2 ft. Mixed. $\frac{1}{4}$ oz., 75c; pkt., 5c.

CANDYTUFT. H. A. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers. 12 in.

coronaria Giant Hyacinth-flowered. White. $\frac{1}{4}$ oz., 30c; pkt., 5c.

Mixed Annual Sorts. Oz., 40c; pkt., 5c.

CANDYTUFT HARDY. Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or low clumps or beds; very valuable for early decoration.

Gibraltica. Showy, large-growing, red and rosy-white; 1 to 2 feet. Pkt. 15c.

Sempervirens. Completely covered with heads of flowers in spring; 1 foot. Pkt., 25c.

CARNATION. Marguerite. H. H. P. The perpetual flowering Carnations produce a large proportion of double flowers in six months from sowing. 18 in.

Marguerite, Giant, Double Mixed. Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{8}$ oz., 80c; pkt., 5c.

Finest Double Mixed. Border. Saved from extra fine flowers. 18 in. $\frac{1}{4}$ oz., 75c; pkt., 5c.

CELOSIA cristata, or Cockscomb. H. H. A. Popular annual of easy culture, producing Cockscomb-like heads.

childsi (Chinese Wool Flower). A variety of feathered Celosia with large globular flower-heads like balls of wool. 2 ft. $\frac{1}{8}$ oz., 60c; pkt., 5c.

Dwarf. Mixed colors. Extra fine strain. 9 in. $\frac{1}{4}$ oz., 75c; pkt., 5c.

CENTAUREA cyanus (Bachelor Button, Corn-flower, Blue Bottle, or Ragged Sailor). H. A. This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountain. 18 in.

rosea, Double. Rose-pink. $\frac{1}{4}$ oz., 40c; pkt., 5c.

White, Double. Very pretty for decorations and borders. $\frac{1}{4}$ oz., 40c; pkt., 5c.

Finest Mixed, Double. $\frac{1}{4}$ oz., 25c; pkt., 5c.

CENTAUREA imperialis, Giant Imperial Sweet Sultan. H. H. A. The finest of all Sweet Sultans for cut flower purposes. 3 ft. $\frac{1}{4}$ oz., 40c; pkt., 5c.

Finest Mixed. All colors. $\frac{1}{4}$ oz., 40c; pkt., 5c.

CENTAUREA. H. A. Beautiful silvery foliaged bedding plants; used for bordering and edging.

gymnocarpa. Fine cut silvery foliage. 18 in. $\frac{1}{4}$ oz., 40c; pkt., 5c.

CERASTIUM (Snow in Summer) *Tomentosum*. A procumbent hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant. Pkt., 5c.

CHRYSANTHEMUM, Perennial Varieties. *frutescens* (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. 18 in. $\frac{1}{8}$ oz., 40c; pkt., 5c.

maximum grandiflorum (The Shasta Daisy). Pure white; very large. 18 in. $\frac{1}{4}$ oz., 40c; pkt., 5c.

CHRYSANTHEMUM, Annual. These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting as the stems are stiff and long and they keep fresh for a long time in water. Single mixed and double mixed. Pkt., 10c.

CINERARIA *cadidissima*. H. H. P. A white-leaved "Dusty Miller," used for edging. 1 ft. $\frac{1}{4}$ oz., 25c; pkt., 5c.

CLEOME (Spider Flower). The feathery petals and long stamens give the flowers the appearance of an Orchid. Sow seed in May and when the seedlings are three or four inches high, thin out to stand two feet apart. The plants grow very rapidly and attain a height of from three to five feet. Pkt., 10c.

COBAEA scandens. H. A. C. Tender climber, large, bell-shaped blue flower. 20 ft. $\frac{1}{4}$ oz., 25c; pkt., 5c.

White. Large white, bell-like flowers, $\frac{1}{4}$ oz., 50c; pkt., 5c.

COLEUS, Rainbow Mixed. G. P. Richly colored foliage plants. Pkt., 10c.

COLUMBINE. (See *Aquilegia*).

CONVOLULUS, or Morning Glories. (See also *Ipomoea*). H. A. C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.

major. Mixed colors. Climbers or rapid growth. 30 ft. Oz., 20c; pkt., 5c.

COREOPSIS. H. P. Long stemmed, large, single flowers. 2 ft.

grandiflora. Large flowers of rich yellow. $\frac{1}{4}$ oz., 25c; pkt., 5c.

CORNFLOWER. (See *Centaurea cyanus*).

COSMOS. H. A. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft.

Double-crested, Early-flowering. Semi double flowers in great profusion. 5 ft. Crimson King. Bright red. $\frac{1}{4}$ oz., 75c; pkt., 5c.

Pink Beauty. A lovely shade of pink, crested flowers. $\frac{1}{4}$ oz., 75c; pkt., 5c.

White Queen. Pure white, crested flowers. $\frac{1}{4}$ oz., 75c; pkt., 5c.

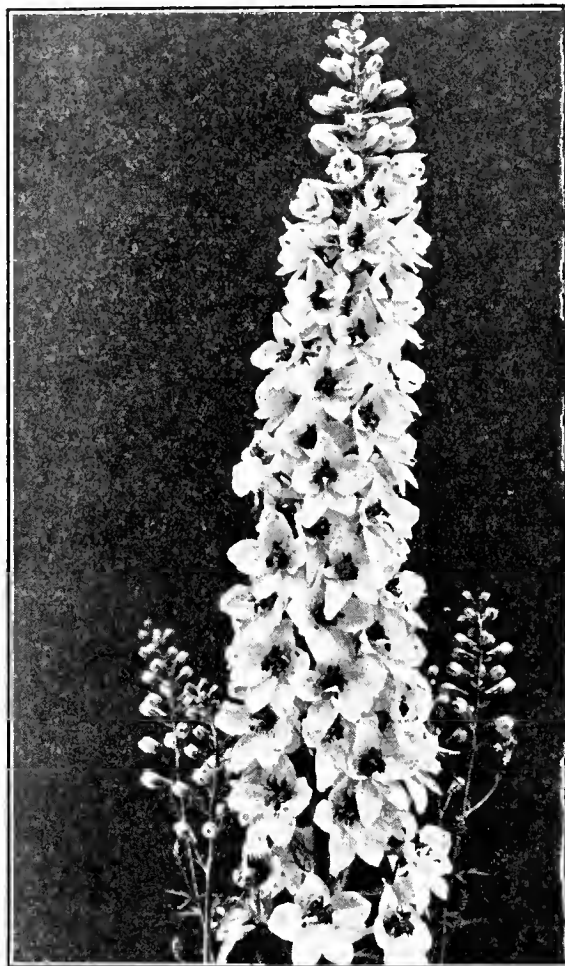
Crested Mixed. The above colors in mixture. $\frac{1}{4}$ oz., 75c; pkt., 5c.

Extra Early Giant-flowering. Mixed Colors. Flowers 4 to 5 inches across. 4 ft. $\frac{1}{4}$ oz., 50c; pkt., 5c.

Giant Late-flowering. Mixed. All shades. Blooms in September and October. 5 ft. $\frac{1}{4}$ oz., 35c; pkt., 5c.



Centaurea



Delphinium

CHINESE FORGET-ME-NOT (*Cynoglossum amabile*). A fine border plant growing 18 inches, producing sprays of bright blue flowers which bloom throughout the summer. Bloom the first year from seed. Pkt., 10c.

CYPRESS VINE. H. A. C. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers. 10 ft.

Finest Mixed. $\frac{1}{4}$ oz., 25c; pkt., 5c.

DAISY, Double, (See *Bellis perennis*.)

DAISY, Single (See *Chrysanthemums*.)

DELPHINIUM. English Delphiniums are the most beautiful hardy plants in cultivation, for they have such an immense variety of beauty and increase in size, in beauty, and often in quantity, year after year. Some varieties grow 8 feet high in rich soil. They have immense spikes of most beautiful flowers of every imaginable shade of blue, and their season is long; in fact, they will bloom from Spring till Fall. The culture of Delphiniums is exceedingly simple. They thrive in almost any position, and may be planted at any time of the year, provided that in Summer the plants are not too forward, and that they be well watered if the weather is dry. The soil may be a rich, friable loam, which suits them finely; but any soil, even hot and sandy, if well watered and manured, will give excellent results. Placed in lines, as a background to a border, or in groups of say, three plants at intervals, the effect of the Delphinium is exceedingly fine. A succession of flowers may be expected from Spring to early Autumn, especially if the spikes which have done flowering early be cut down to the ground, fresh growth will then be produced which will give blossoms. Watering in Summer will increase size of spike and flower. Top-dressing is greatly recommended on cer-

Delphinium—(Continued)

tain soils, instead of the bare surface of the ground being left exposed to the sun. Some of the neater dwarf Alpine and other hardy plants may be utilized to plant between and around Delphiniums. Coal ashes strewn over the crowns will protect the plants from slugs through Winter and Spring. Any garden soil suits the Delphiniums.

Gen. Baden Powell. Delicate lavender inner petals tinted rose with a small dark eye. $\frac{1}{8}$ oz., \$2.00; pkt., 50c.

Mrs. James Keliway. Pale sky blue pink, inner petals large white eye. $\frac{1}{8}$ oz., \$2.00; pkt., 50c.

F. Carr. Genetian blue white eye single. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

Mr. Jno. Stone. Bright sky blue, slightly tinged rose with "bee" eye, one of petals tipped with black single. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

Hybrid Delphinium Mixed—English. $\frac{1}{8}$ oz., \$3.00; pkt., 25c.

belladonna. Very large-flowered, light azure blue. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

bellamosa. An improved *Formosum* which is not subject to mildew. Dark blue in color. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

DIANTHUS (Chinese or Indian Pinks). H. A. These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.

SINGLE ANNUAL PINKS.

heddewigi. Large, attractive flowers of most brilliant colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 5c.

DOUBLE ANNUAL PINKS.

chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c. Large double flowers. Mixed. $\frac{1}{4}$ oz., 50c; pkt., 5c.

heddewigi fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 5c.

"Fireball". Large double; brilliant red. $\frac{1}{4}$ oz., 75c; pkt., 5c.

laciniatus "Salmon Queen". Very striking double flowers, rich salmon scarlet. $\frac{1}{4}$ oz., 75c; pkt., 5c.

laciniatus "Snowball". Extra large, double, pure white. $\frac{1}{4}$ oz., 75c; pkt., 5c.

HARDY PERENNIAL PINKS.

plumarius fl. pl. Pheasant's Eye. Pretty fringed double flowers. $\frac{1}{4}$ oz., 75c; pkt., 5c.

DIDISCUS coerulea (Blue Lace Flower.) H. A. An attractive annual, blooming from July until frost. Pale lavender flowers, valuable for cutting. 18 in. $\frac{1}{8}$ oz., 40c; pkt., 5c.

DIGITALIS, or **FOXGLOVE**. H. P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half-shady places. 3 ft.

monstrosa, Mixed. Very large flowers. $\frac{1}{4}$ oz., 60c; pkt., 5c.

Finest Mixed (Common Foxglove). $\frac{1}{4}$ oz., 75c; pkt., 5c.

DIMORPHOTHECA, Annual Golden African Daisy. An extremely showy annual of neat branching habits; grows about 12 inches high, flowering during the summer in continuous profusion. The single, Daisy-like blossoms $2\frac{1}{2}$ inches in diameter, are brilliant orange, with a dark-colored disk, zoned black; well adapted

Dimorphotheca—(Continued).

for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer. Pkt., 5c.

DOLICHOS or **Hyacinth Bean**. Annual climbers, of rapid growth, 10 feet high, with Wisteria-like clusters of flowers, followed by bronzy-purple seed pods.

Japanese Giant Crimson.—Blush deepening with age to dark red. Pkt., 5c.

Japanese Giant White.—Long spikes of clear white flowers. Pkt., 5c.

ESCHOLTIA, or CALIFORNIA POPPY. H.

A. Very attractive annuals for beds, edgings, masses; profuse flowering; fine cut, glaucous foliage; in bloom from June to frost. 12 in. Double mixed, all colors. Oz., 50c; pkt., 5c.

EUPHORBIA heterophylla (Fire on the Mountain). H. A. Leaves large and glossy green, often tipped with orange-scarlet. 3 ft. $\frac{1}{4}$ oz., 40c; pkt., 5c.

variegata (Snow on the Mountain). White and green bracts, excellent for bouquets. 2 ft. $\frac{1}{4}$ oz., 35c; pkt., 5c.

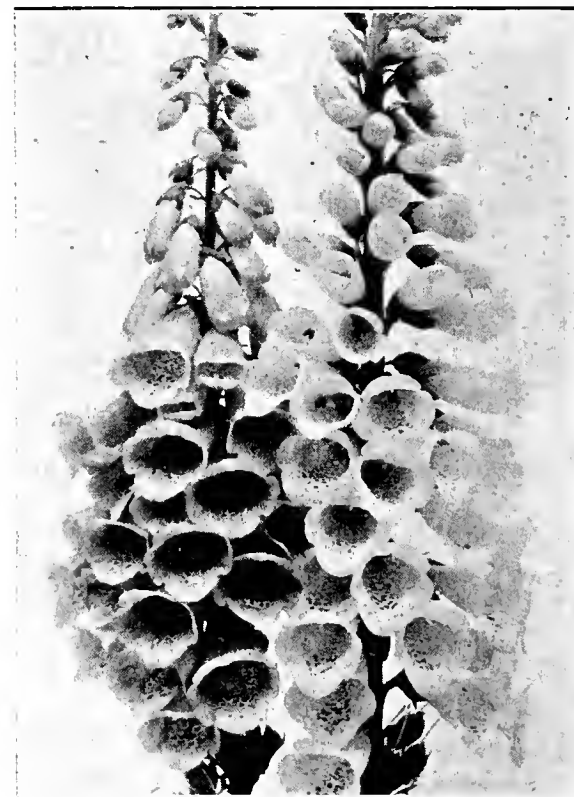
GAILLARDIA. H. A. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes. 2 ft.

picta Mixed, Single. Annual varieties. $\frac{1}{4}$ oz., 35c; pkt., 5c.

lorenziana, Double Mixed. $\frac{1}{4}$ oz., 35c; pkt., 5c.

GERANIUM Giant Flowering Hybrid. The flowers are of the most perfect form, borne in splendid trusses, forming balls 14 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, cream-veined pink, blush, snowy-white and all of the new auriole types. These stand the hot sun and, although perennials, they will flower the same season, if the seed is sown indoors early in the spring; 12 to 18 inches high.

Single Giant-flowering Hybrids. Mixed colors. Pkt., 25c.



Digitalls or Foxglove



Transvaal Daisy

GERBERA (Transvaal Daisy) Perennial. A beautiful race of flowering plants brought into prominence recently with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids. They are half hardy perennials, usually grows as greenhouse or window plants where they flower continuously. The Daisy-like blossoms, 3 to 4 inches across, being borne on 12 to 18-inch stems, are unsurpassed as cut flowers, being of splendid lasting substance. For garden culture in cold climates the plants are wintered over in cold frames like Pansies, etc., but they are usually grown as green house plants.

Giant Scarlet. Flowers 3 to 4 inches across, on 2 to 3-foot stems; color intense scarlet. Pkt. 25c.

Adnet's New Hybrids. A French strain that has created a furore in the European floral world. The colors are of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays. Pkt. 35c.

One packet of each of the above two Gerberas for 50c.

GEUM (Perennial). Following the introduction of these modern varieties Geums have become very popular and seed is in great demand. They are particularly valuable for the herbaceous border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants. Geums are hardy perennials producing dwarf tufted plants from which rise graceful stems, two feet high, bearing

beautiful double flowers which are borne freely throughout the entire summer. They are also valuable for cut flowers.

Lady Stratheden. Fine double yellow flowers. Pkt., 25c.

Orange Queen. The beautiful double orange flowers are borne freely throughout the entire summer. Excellent for cut flowers. Pkt. 35c.

Mrs. Bradshaw. Beautiful double crimson scarlet flowers. Pkt. 25c.

GLOBE AMARANTH (GOMPHRENA). H. A. Clover-like heads of flowers; esteemed as everlasting. 12 in. globosa. Mixed colors. $\frac{1}{4}$ oz., 35c; pkt., 5c.

GLOXINIA. Charming pot plants for conservatory, greenhouse or window garden. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 foot.

Large flowering. Mixed. From a choice selection. Pkt. 50c.

GOURDS. H. A. C. Thirty annual climbers, bearing "Ornamental Gourds." 10 ft.

Dipper-shaped. Oz., 40c; pkt., 5c.

Dishcloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. Oz., 40c; pkt., 5c.

Egg. Fruit white; resembles eggs. Oz., 40c; pkt., 5c.

Hercules' Club. Enormous fruit; often 4 feet long, thicker at the base. Oz., 50c; pkt., 5c.

Sugar Trough. Oz., 50c; pkt., 5c.

Mixed Ornamental Varieties. Oz., 40c; pkt., 5c.

GYPSOPHILA (Baby's Breath). H. A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.

convent garden. An improved large flowering pure white form of the annual Baby's Breath. Oz., 50c; pkt., 5c.

paniculata. H. P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. $\frac{1}{4}$ oz., 50c; pkt., 5c.

HELICHRYSUM, or STRAWFLOWER. H. A. Large, double "everlasting" flowers. 2 ft.

Large Flowering, Double, Mixed Colors. $\frac{1}{4}$ oz., 25c; pkt., 5c.

Finest Mixed. $\frac{1}{8}$ oz., 30c; pkt., 5c.

HELIOTROPE—2 ft. Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Seed sown in the Spring makes fine plants for bedding out, and are easily grown as Verbenas.

mammoth mixed. Flowers of great size and ranging in shade from dark blue to lilac. Pkt. 15c.

HIBISCUS or Marsh Mallows. These are showy, hardy, perennial plants, forming bushes about 4 feet high, bearing immense bowl-like flowers, often 6 inches across.

Giant Yellow. Yellow, garnet throat. Pkt., 5c.

Hollyhock Double

HOLLYHOCKS. H. P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants

are sprayed frequently in early Spring with Bordeaux Mixture. 6 ft.

Giant Double Fine Mixed. $\frac{1}{8}$ oz., 40c; pkt., 5c.

Chater's Extra Choice, Double Mixed Colors. $\frac{1}{8}$ oz., 60c; pkt., 5c.

Hybrid Everblooming, Double, Mixed. Flowers the first season from seed. Very fine colors. $\frac{1}{4}$ oz., 60c; pkt., 5c.

Hybrid Everblooming. Single, Mixed. $\frac{1}{4}$ oz., 40c; pkt., 5c.

LARKSPUR (Consolida Candelabra fl. pl.) Popular garden annuals. This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. They are of easy culture, thriving in almost any soil—but a sunny situation suits them best.

Carmine, Dark Blue, Light Blue, Rose, White, Mixed Colors, 5c per Pkt.

IPOMOEA, Morning Glory. (See also CONVOLULUS). H. A. C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 ft.

cardinalis, (Cardinal Flower). A rapid growing annual, with deep cardinal red flowers and lacinated foliage. $\frac{1}{8}$ oz., 50c; pkt., 5c.

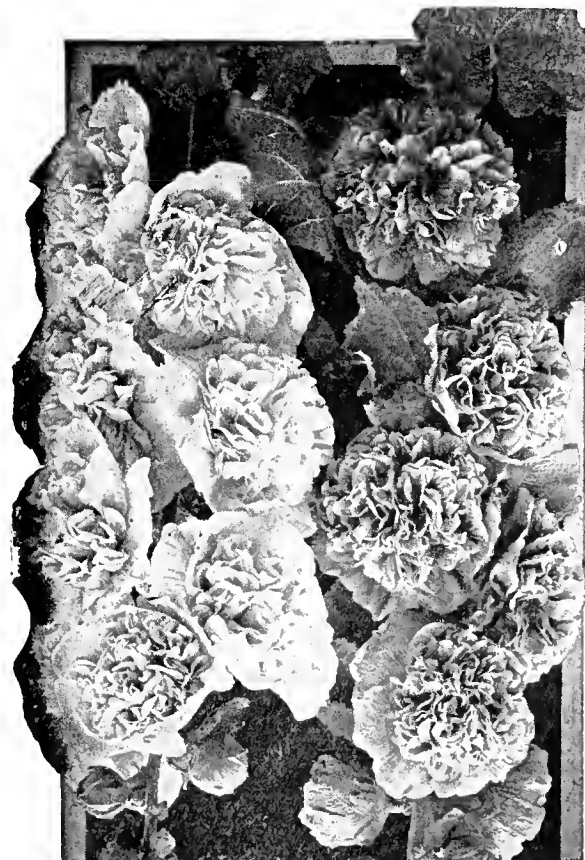
grandiflora alba (Moonflower). Large, heart shaped leaves and large, pure white flowers, which open only late in the evening. $\frac{1}{4}$ oz., 35c; pkt., 5c.

rubro coerulea (Heavenly Blue). Beautiful, sky-blue flowers. $\frac{1}{4}$ oz., 35c; pkt., 5c.

Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts. Oz., 50c; pkt., 5c.

quamoclit. (See CYPRESS VINE.)

KOCHIA tricophylla (Belvedere Summer Cypress, or Mexican Firebush). H. A. Grows in a perfectly pyramidal shaped cypress bush, with small, feathery, light-green foliage. Becomes a lovely crimson hue about September. 2½ ft. $\frac{1}{4}$ oz., 25c; pkt., 5c.



Hollyhock—Double

LATHYRUS latifolius, Perennial Sweet Pea. H. P. Hardy climbers. Fine for cutting. 6 ft.

latifolius. Purplish-red. $\frac{1}{4}$ oz., 40c; pkt., 10c.

White Pearl. A large flowering, robust growing variety of the above. $\frac{1}{4}$ oz., 75c; pkt., 10c.

Pink Beauty. Rosy pink. $\frac{1}{4}$ oz., 40c; pkt., 10c.

Finest Mixed. All colors. $\frac{1}{4}$ oz., 30c; pkt., 10c.

LIATRIS SPICATA (Gay Feather or Blazing Star). Highly desirable for the border. The plants grow over 3 feet high and produce long spikes of purple and rosy-purple flowers from July to September. This is a hardy perennial and the flowers are much in demand for cutting purposes. Pkt. 25c.

LOBELIA, Bedding varieties. This charming class forms compact bushes about 6 inches high which are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration, as well as for pot culture. They flower the first season from seed. Mixed colors. Per 1,000 seeds 25c; pkt., 5c.

Speciosa. Fine trailing sort for hanging baskets and boxes, flowers dark blue with dark foliage. Per 1,000 seeds 25c; pkt., 5c.

Lobelia, Hardy. Tall growing, hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 ft. Pkt., 5c.

Cardinalis, (Cardinal Flower) Intense scarlet. Pkt., 5c.

LUPINUS. Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.

Tall Mixed. Annual Varieties. Oz., 40c; pkt., 5c.

Mixed Perennial Varieties. $\frac{1}{4}$ oz., 25c; pkt., 15c.

Lynchnis (Lamp Flower) Chalcedonia. The scarlet Lynchnis, and old garden favorite, bearing heads of bright scarlet flowers; very hardy, 3 to 4 ft. Pkt., 5c.

Haageana Hybrids, Mixed Colors. Usually grown as annuals, of dwarf, bushy habit, bearing flowers an inch or more across in continuous succession until frost; colors are particularly pleasing—white to rich scarlet and shades of pink; height 1 foot. Pkt., 5c.

MARIGOLD. H. A. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.

AFRICAN VARIETIES

African varieties. Showy flowers. 3 ft.

Lemon Queen. A charming shade. $\frac{1}{4}$ oz., 50c; pkt., 5c.

Prince of Orange. Beautiful orange color. $\frac{1}{4}$ oz., 50c; pkt., 5c.

Mixed Double. $\frac{1}{4}$ oz., 50c; pkt., 5c.

FRENCH VARIETIES

French Varieties. Small double flowers. 12 in.

Dwarf Gold Striped. Rich and quaintly striped double flowers. $\frac{1}{4}$ oz., 50c; pkt., 5c.

Dwarf, Mixed, Double. $\frac{1}{4}$ oz., 35c; pkt., 5c.

MARVEL OF PERU (Four O'Clocks). H. A. A well-known handsome, free flowering garden favorite; does well everywhere. 2 ft. Mixed. Oz., 50c; pkt., 5c.

MATRICARIA SNOWBALL (Double White Feverfew). This splendid variety of *M. alba plenissima* or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting. Pkt., 5c.

MAURANDIAS GIANT-FLOWERING. These are grand improvements over the older well-known climbers. The flowers are fully double the size, and the plants



Climbing Nasturtiums

and foliage are correspondingly larger and more robust, attaining a height of 6 to 10 feet; the vines quickly hide trellis from view and are thickly studded with flowers nearly as large as Gloxinias. The plants from seed sown in spring will begin flowering by July and continue until frost. Mixed colors. Pkt., 25c.

MECONOPSIS BAILEYII (Blue Thibetan Poppy). This beautiful blue perennial poppy throws up from its root-stock half a dozen leafy stems, 2 to 3 feet high, well furnished with broad sea-green leaves and bearing freely at their heads large four-petalled blooms of a glorious sky-blue color, the effect of which is enhanced by a central zone of

golden yellow anthers. This superb plant has been accorded by the Royal Horticultural Society a First Class Certificate and an Award of Merit. It is hardy, and should soon become one of the most popular plants in cultivation. Pkt., 50c.

MIGNONETTE, Large Flowering. H. A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made, its fragrant, modest colored flowers may be gathered outdoors until November. 12 in. Pkt., 5c.

Sweet-Scented (Reseda odorata grandiflora). The large flowering garden variety. Oz., 50c; pkt., 5c.

MIRABILIS. (See MARVEL OF PERU).

MOMORDICA (Balsam Apple). Balsamina. Annual Climber; 15 feet; bearing ornamental orange colored fruits with red interiors. Pkt., 5c.

MOON FLOWERS. (See IPOMOEA grandiflora.)

MORNING GLORIES. (See IPOMOEA and CONVULVULUS.)

MYOSOTIS, or FORGET-ME-NOTS. H. H. P. Fine for edging or in beds with Pansies, Daisies, etc. Seed may be sown any time from Spring until Midsummer. 9 in.

alpestris, Blue. $\frac{1}{4}$ oz., 40c; pkt., 5c.

NASTURTIUM. One of the most popular of all annuals, as everyone can grow it. Sow anywhere, except in the shade. No ground is too poor to grow it. It is fine for cutting. The tall or trailing variety is a useful plant for trailing over walls or stumps, also for porch boxes, for hanging baskets. Dwarf variety forms compact bushes. Flowers all summer. All varieties not specifically quoted. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

TALL OF GIANT NASTURTIUMS

Variegated Leaved. Leaves and flowers like the dwarf variety.

Chameleon. Similar to the Dwarf.

Dark Crimson. Rich and velvety.

Jupiter. Giant flowered and giant leaved; the blooms, 3 inches across, are bright yellow, marbled with scarlet.

Moonlight. Creamy white.

Prince Henry. Light yellow, marbled with scarlet.

Rose. Bright soft pink; very choice.

Sunlight. Deep orange, blotched with crimson.

Vesuvius. Rich velvety salmon; dark green leaves.

Dwarf Mixture. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c.

Tall Mixture. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00. Postpaid.

DWARF OR TOM THUMB NASTURTIUMS

All varieties, unless otherwise quoted, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; postpaid.

Variegated Leaved. Strikingly beautiful even when not in bloom; each leaf is variegated with yellow, white and green. The flowers are of many colors and show to splendid advantage among the richly variegated foliage. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

Fancy Fringed. The flowers are fringed around the entire bloom, particularly the three lower petals; colors range from yellow to scarlet. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Dwarf Varieties Mixed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00. Postpaid.



Double Giant, Fringed Petunia

NICOTIANA (Flowering Tobacco).

affinis Hybrids. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching, bushy habit, 2 to 3 feet high, carry the flowers in clusters, measuring 1½ to 2 inches across, and are very fragrant. Purple, white, dark red, light red, salmon, violet, rose and pink. Mixed colors. Pkt., 5c.

NIGELLA ("Love-in-a-Mist"). Lovely garden annuals growing in oval bush form, about 12 to 15 inches in height. In the finely cut fern-like green foliage nestle numerous large double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc.

Miss Jekyll, Blue. Large, double, light blue. Pkt., 5c.

Miss Jekyll, White. Pure white flowers. Pkt., 5c.

Double Mixed. The tall type. Pkt., 5c.

NEMESIA. Triumph Hybrids. A splendid race of these popular annuals. The plants grow 6 to 8 inches high, in bushy form, and bear continuously, myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. Mixed colors. Pkt., 15c.

NEMOPHILA (California Blue-bell). Splendid annuals about 1 foot high for garden decoration; clusters of bright-colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool, partially shaded situation. Mixed colors. Pkt., 5c.

OENOTHERA ("Evening Primrose"). These are among our most beautiful annual plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large, single, Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation.

Royal Rose. "Mexican Evening Primrose." Rose color. Pkt., 5c.

Mixed Annual Varieties. Pkt., 5c.

PETUNIA. H. A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in.

Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored double flowers. Pkt., 50c.

Single Varieties:

Superb Large-flowered Mixed (California Giants). Magnificent flowers with throats beautifully veined. Pkt., 50c.

Large-flowered, Finest Mixed. Fine large flowers in superb mixture. 1-16 oz., \$1.00; pkt., 25c.

maculata, Striped and Blotched (Inimitable). Flowers quite large and handsomely striped and spotted. 12 in. ¼ oz., 50c; pkt., 10c.

Balcony Blue. Adapted for vases and window boxes. Pkt., 10c.

Balcony Rose. Pkt., 10c.

General Dodds. Very fine dark red. ¼ oz., 75c; Pkt., 10c.

Howard's Star. Crimson with white star. ½ oz., 50c; pkt., 10c.

Purple Bedder. A beautiful purple bedding variety. 1-16 oz., 75c; pkt., 10c.

Rosy Morn. Soft carmine pink, ½ oz., 60c; pkt., 10c.

PANSY. H. H. P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.

Mammoth Exhibition, Extra Large Mixed. Per oz., \$9.00; pkt., 50c.

Wood, Stubbs & Co's. Imperial. A very fancy strain; all colors. Pkt., 15c; ½ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$8.00.

Large Flowering Mixed. Many standard varieties. Pkt., 10c; ½ oz., 50c; ¼ oz., 85c; 1 oz., \$3.00.

PHLOX drummondii grandiflora. H. A. Improved large-flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

Choicest Mixed. Contains a very large variety of color. ¼ oz., 50c; pkt., 5c.

PHLOX HARDY, Large-flowering, Dwarf Varieties. Effective for beds or borders. 6 in.

nana compacta, Mixed Colors. Star-shaped flowers. ½ oz., 75c; pkt., 10c.

PHYSALIS francheti (Chinese Lantern). H. B. Balloon-like fruits. 3 ft. Pkt., 10c.

PHYSOSTEGIA (False-Dragonhead). H. P. 3 ft.

virginia. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. ½ oz., 40c; pkt., 5c.

PLATYCODON. H. P. The large-flowering Chinese Bell Flowers. 2 ft. Pkt., 5c.

POLYANTHUS (Primula Elatior) An early blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced, are borne on stalks 8 inches tall. Mixed colors. Pkt., 25c.

POPPIES. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.

Single Annual Varieties, 12-in.:

glaucum. The Scarlet Tulip Poppy. ¼ oz., 35c; pkt., 5c.

Extra Selected Shirley. A grand variety of colors, saved from selected flowers. Their brilliant dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers. ¼ oz., 35c; pkt., 5c.

Rose-pink Shirley. A beautiful pink variety. ¼ oz., 50c; pkt., 5c.

Single Mixed Poppies. All kinds. ¼ oz., 25c; pkt., 5c.

Double Annual Varieties:

Eldorado Double Mixed. A double form of Shirley Poppy, in choice mixtures. ¼ oz., 35c; pkt., 5c.

Hardy Perennial Varieties:

bracteatum. Orange-scarlet hardy Poppy. ¼ oz. 25c; pkt., 5c.

Iceland Poppies. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. 12 in.

nudicaule (Iceland Poppy) Dwarf, bright yellow. ¼ oz., 40c; pkt., 5c.

nudicaule Mixed Iceland Poppies. ¼ oz., 40c; pkt., 5c.

Oriental Poppies Mixed Hybrids. 3 ft. Finest shades. ¼ oz., 40c; pkt., 5c.

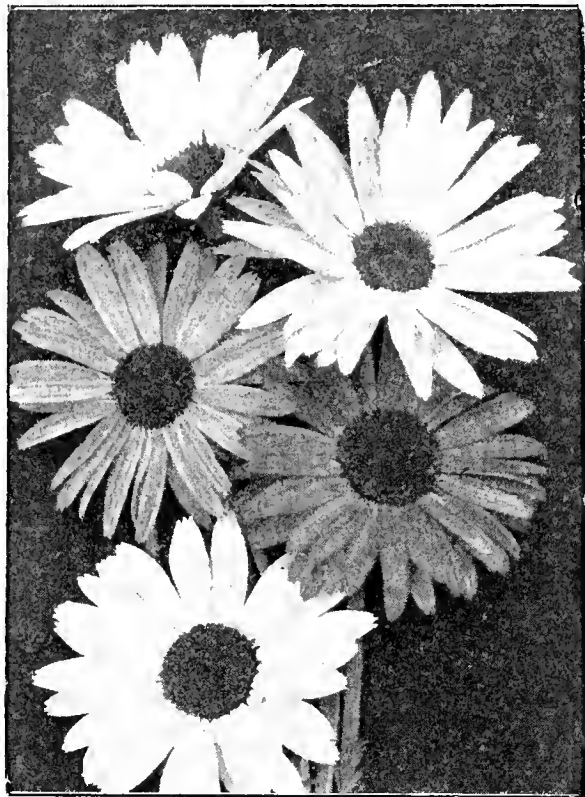
PORTULACA. H. A. One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.

Single Mixed. All color. ¼ oz., 35c; pkt., 5c.

Double Large Flowering. Will produce a large percentage of double flowers in many colors. Pkt., 5c; ¼ oz., 35c.



Pansy Mammoth Exhibition



Pyrethrum

PRIMULA (Primrose). Giant Fringed Chinese. Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from in-larg trusses of flowers, which, in our sects; while they reduce for weeks new Giant varieties, average 4½ to 6 inches in circumference.

Giant, Double, Mixed Colors..Pkt., 50c

Giant, Single, Mixed Colors..Pkt., 25c

Primula Obconica Gigantea. These Ever-flowering Primroses are favorite pot plants for house and conservatory. This new giant Obconica race produces flowers of great size, many of them measuring 1½ inches across, equaling the flowers of the Chinese Primrose with the added merit of being more easily grown and having a longer duration of bloom. Several colors in mixture, white, crimson, rose, violet, blue, lilac, pink-eyed sort etc. Pkt. 25c.

Primula Acaulis or Hardy Blue Primrose. A beautiful, blue-flowered type, hardy, and splendid for naturalizing among shrubs in turf or the herbaceous border. Pkt., 25c.

PYRETHRUM. H. H. P. Fine for edging and borders. 6 in.

H. P. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall. 18 in.

mybridum fl. pl., Double. Large-flowering, beautiful colors. ½ oz., \$1.50; pkt., 10c.

RICINUS (Castor Oil Plant). H. A. From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost. 6 ft.

zanzibarensis, Mixed. Immense leaves. 8 ft. Oz., 35c; pkt., 5c.

SALVIA (Flowering Sage). H. A. One of our most handsome summer and Autumn-flowering plants, growing into compact bushes 2 to 3 feet high and literally ablaze with brilliant flowers.

Splendens grandiflora (Scarlet Sage). A rich flowered bedder. ¼ oz., \$1.00; pkt., 5c.

Globe of Fire. The earliest, freest and most continuous bloomer. ½ oz., \$1.00; pkt., 5c.

Summer-flowering Fireball. A brilliant scarlet variety that will come into flower in July. 2 ft. Pkt., 10c.

SALPIGLOSSIS, EMPEROR. A new, giant-flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne of dwarf, sturdy branching plants, not exceeding 24 inches in height, and do not require staking. The colors are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful. The long stemmed flowers are also fine for cut flower decorations.

Light Blue. Veined gold. Pkt., 10c.

Bright Crimson, Pkt., 10c.

Golden-Yellow, Pkt., 10c.

Lilac. Veined Gold, Pkt., 10c.

Pink, Pkt., 10c.

Purple-violet. Veined Gold, Pkt., 10c.

Mixed Colors, Pkt., 10c.

SCHIZANTHUS ANNUAL. Wonderfully showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory. The seed germinates readily and in a few weeks' time. The plant is a mass of brilliant flowers, in an extraordinary variety of colorings. The foliage of the plant is very delicate and fern-like and highly decorative in appearance. Our Hybrid and Wisetonensis strains as well as the Retusus varieties are particularly valuable for pots and decoration purposes and the taller varieties produce a most delightful effect when allowed to ramble freely on suitable supports.

Giant Flowering Hybrids. A superb new strain, growing robust and bushy, 1½ to 2 feet in height, with handsome bright green, fern-like foliage. The flowers, borne in great profusion, are unusually large, measuring from 1 to 1¾ inches across; they are of much substance—very lasting—and show an endless variety of bright colorings. The light varieties of white, pink, buff-rose or yellow have beautifully marked centers, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with center lines of yellow or white, margined by a deep tone of the ground color. Pkt., 25c.

SEDUM ACRE, Stonecrop. A fine hardy perennial plant for rock gardens, having beautiful yellow flowers. No Rockery is complete without this favorite plant, and it is also useful for garden edgings. Pkt., 25c.

SCABIOSA, or MOURNING BRIDE. H. A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2½ ft. Pkt., 5c; ½ oz., 25c; 1 oz., 40c.

STATICE. H. A. Beautiful free-flowering plants adapted for beds or borders. The flowers, when dried, make pretty decorations for winter use. 1½ to 2 ft.

sinuata hybrida mixed. Flowers mauve, purple, white and yellow. ¼ oz., 50c; pkt., 5c.

STOCKS (Gilliflower). H. A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut flowers.

Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.

Large Flowering Ten-Weeks, Mixed Colors. ½ oz., 75c; pkt., 5c.

Winter Flowering Stocks:

Cut-and-Come-Again, Princess Alice. Double white. Pkt., 15c.

Finest Mixed. 1-16 oz., 60c; pkt., 5c.

STOKESIA cyanea. H. P. Lavender-blue flowers. 2 ft. ¼ oz., 75c; pkt., 5c.

Finest Mixed. A mixture of pink, purple, blue and white shades. ¼ oz., 60c; pkt., 5c.

SUNFLOWER. H. A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

Double California. Deep yellow. 5 ft. oz., 40c; pkt., 5c.

Chrysanthemum-flavored. Rich golden yellow flowers. 5 ft. Oz., 40c; pkt., 5c.

Red Hybrids. "The Red Sunflower." Large flowers in various shades of red and dark centers. 4 ft. ¼ oz., 25c; pkt., 5c.

Stella (Improved Miniature Sunflower). Yellow. 3 ft. ¼ oz., 25c; pkt., 5c.

STATICE (Sea Lavender) ANNUAL

These new varieties of the annual Sea Lavender are unusually charming when dried for winter bouquets. They are also valuable for growing in rockeries; plants attain a height of about two feet.

Sinuata Atrocerulea. Dark blue. Pkt., 15c.

Sinuata Carminea. Bright red. Pkt., 15c.

Sinuata Rosea. Brilliant rose. Pkt., 15c.

SWEET WILLIAM (Dianthus barbatus). H.

Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers. 1½ ft.

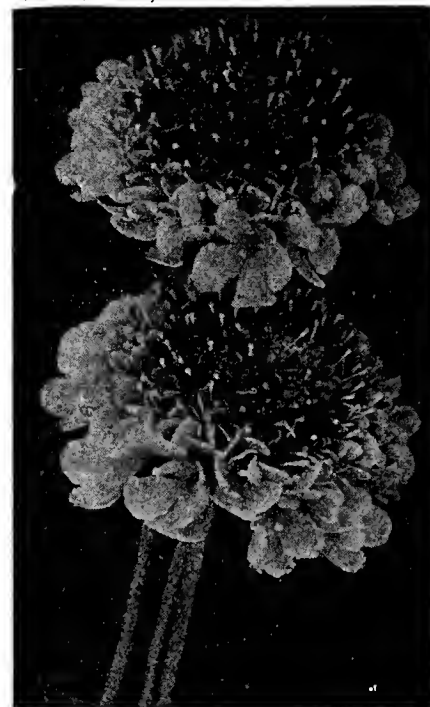
Double-flowering. Mixed. ¼ oz., 50c; pkt., 5c.

Single-flowering, Finest Mixed Colors. ¼ oz., 20c; pkt., 5c.


VERBENA. H. A. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in.

Mammoth Coerulea. Bright blue and purple in various shades. ¼ oz., 60c; pkt., 5c.

Mammoth Finest Mixed. Extra choice. ¼ oz., 60c; pkt., 5c.



Stokesia



There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

The Spencer Types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable.

The following varieties are a selection of the many kinds of this class best adapted for general use.

Afterglow. Reddish-mauve, violet wings.

Apple Blossom Spencer. Rose standards, blush rose wings beautifully waved.

Frederick Austin. Pure lavender.

Blanche Ferry Spencer. Rose standard with white wings.

Captain of the Blues. Maroon purple, wings blue.

Countess Spencer. Soft rose pink; large, wavy petals.

Edward Cowdy. The best orange scarlet.

Elfrida Pearson. Blush pink, deepening toward the edges.

Fiery Cross. A fine red or scarlet, with no shading.

Hawlmack Pink. Bright rose-pink, flushed salmon.

King White. A perfect white Spencer, immense petals.

Margaret Atlee. Salmon-pink, suffused over a cream ground.

Miriam Beaver. Beautiful shell salmon-pink, a cream ground.

Commander Godsall. Violet blue.

Hebe. Rosy pink.

Primrose Spencer. Primrose or creamy yellow.

Valentine. Blush pink; flowers of large size and waved.

Doreen. Large carmine.

White Spencer. A pure white with long stems.

Any of the above varieties: Pkt., 10c; 1/2 oz., 20c; oz., 30c; 1/4 lb., \$1.00; 1 lb., \$2.50. Post paid.

SWEET PEA PRICES—Cont'd.

Mixed Spencer—Most of above varieties mixed—Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 80c; lb., \$1.50; postpaid.

Prices Post Paid

The following varieties are a selection of the best Extra Early Flowering Varieties. They are also suitable for outside planting.

Early Vulcan. Dazzling crimson scarlet. Pk., 10c; 1/4 oz., 15c; oz., 50c.

Snowstorm Improved. The finest of all the white varieties. Pkt., 10c; 1/4 oz., 15c; oz., 50c.

True Blue. A charming shade of true or light violet-blue. Pkt., 10c; 1/4 oz., 15c; oz., 50c.

Zvolanek's Blue. A very bright blue. Pkt., 10c; 1/4 oz., 15c; oz., 50c.

Giant Rose. A beautiful self, rose color. Pkt., 10c; 1/4 oz., 20c; oz., 70c.

Mr. Kerr. Salmon. Pkt., 10c; 1/4 oz., 20c; oz., 70c.

Early Glitter. Enormous size of Glittering fiery orange. 1/4 oz., 20c; oz., 75c.

Early White Harmony. Pkt., 10c; 1/4 oz., 15c; oz., 50c.

Early Flowering Mixed. Pkt., 10c; 1/4 oz., 15c; oz., 40c.

Crimson King. Rich ox blood crimson.

Scarlet Emperor. The largest and brightest scarlet.

VERONICA. H. P. Splendid, hardy perennials, with showy spikes of bright-colored flowers; fine border plant. 1 1/2 to 2 ft.

Spicata Blue. Bright blue. 1/4 oz., 40c; pkt., 5c.

VIOLA, Tufted Pansies. H. H. P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering, 6 in.

Finest Mixed, all colors. 1/4 oz., 75c; pkt., 10c.

VIOLET, Viola odorata. H. P. Sweet scented violet, blue. Pkt., 25c.

WALLFLOWER. H. H. P. Well known, deliciously fragrant, half-hardy perennials, blooming early in the Spring, with spikes of beautiful flowers. They should be protected in a cold frame in the Winter, and planted out in April. 12 in. allioni (Alpine Wallflower). See CHEIR-ANTHUS).

kewensis. Very fragrant, sulphur-yellow flowers, passing to orange-yellow or purple-violet. Fine for Winter flowering in greenhouse. 1/8 oz., 75c; pkt., 15c.

Single Fine Mixed. Hardy varieties. 1/4 oz., 35c; pkt., 5c.

Double Fine Mixed. Hardy varieties. 1/8 oz., \$1.00; pkt., 25c.

ZINNIAS (Youth and Old Age). H. A. These well-known garden favorites are one of the most brilliant summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.

Matchless, Double Tall Varieties.

	1/8 oz.	Pkt.
Double, Crimson	\$0.30	\$0.10
Double, Lavender	.30	.10
Double, Purple	.30	.10
Double, Rose	.30	.10
Double, Scarlet	.30	.10
Double, White	.30	.10
Double, Yellow	.30	.10
Double, Fine Mixed	.30	.10

GIANT DAHLIA-FLOWERED. These are similar to the Double Dahlia in size and shape of flowers. 2 1/2 ft.

Buttercup. Deep creamy-yellow. 1/8 oz., 25c; pkt., 15c.

Crimson Monarch. Largest of the red shades. 1/8 oz., 25c; pkt., 15c.

Dream. Deep lavender, turning to purple. 1/8 oz., 25c; pkt., 15c.

Exquisite. Light rose, with center a deep rose. 1/8 oz., 25c; pkt., 15c.

Golden State. A very rich orange-yellow. 1/8 oz., 25c; pkt., 15c.

Oriole. An immense orange and gold bicolor. 1/8 oz., 25c; pkt., 15c.

Polar Bear. A very large pure white. 1/8 oz., 25c; pkt., 15c.

Scarlet Flame. A large, beautiful bright scarlet. 1/8 oz., 25c; pkt., 15c.

Dahlia-flowered Mixed. 1/8 oz., 20c; pkt., 10c.

Roses—The Queen of all Flowers

Cultivation of Roses

Strong 2-Year Plants Only

If these cultural directions are faithfully followed, they will Insure Success.

The Soil—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are first planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers, 4 to 6 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

Mildew and Black Spot—Derrisol or Black Leaf "40" applied every two weeks, from May to Fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water.

For Sucking Insects; Aphis, etc.—That curl the leaves and spoil the buds, Blackleaf "40", Derrisol, Lemon Oil.

For Leaf-eating Insects, Worms and Beetles—Arsenate of lead, Derrisol.

Combination Fugicide and Insecticide—Pyrox, Bordeaux mixture and arsenate of lead.

Fertilizers—Fine and Coarse Bone Meal. During Summer and Fall apply liquid cow manure diluted until it is the color of strong tea, one small dipperfull to each bush twice a month until September 1st.

Watering—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet over night.

Cultivation—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

Pruning—The blooms must be cut off so as to induce new strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the winter.

All prices F. O. B. Louisville. No orders sent C. O. D.

We do not offer any special collection of roses at reduced prices. All of our dependable field grown Roses are priced at special rates in each instance. There can be no better roses furnished anywhere or from anybody. We have selected the varieties that have stood the test in this latitude. We do not hesitate to recommend them to you. We will replace any roses at half price that do not bloom the first season. If they turn out to be untrue to name through error on our part we will replace without charge. Our rose plants are large and vigorous field grown stock. Well rooted and branched.

Columbia. The flowers, of good size, are perfect in form, both in bud as well as when fully expanded. Color a most pleasing shade of rose-pink and delightfully fragrant. Each, 50c; per dozen, \$5.00.

Claudius Pernet. A most vigorous grower of erect branching habit, beautiful, brilliant green foliage. Long, pointed buds of exquisite shape, carried on long, stiff stems. Very large, full flowers with elongated deep petals; a beautifully formed bloom. Color most striking sunflower yellow, deeper in the center, without any color bleeding, and which is retained without fading even in the warmest weather. Each, 50c; per dozen, \$5.00.

Dutches of Wellington. The most popular yellow garden rose. Intense saffron-yellow, stained with deep crimson, changing to a deep coppery saffron-yellow. Each, 50c; per dozen, \$5.00.

Betty Ufrichard H. T. One of the finest new Roses, with copper red buds opening into semi-double salmon pink blooms. It is a good free bloomer. Each, 50c; per dozen, \$5.00.

Gruss an Teplitz. In color it is of the richest scarlet, shading to a velvety crimson. Each, 50c; per dozen, \$5.00.

Jonkheer J. L. Mock. A deep imperial pink, the outside of the petals silvery rose-white. Each, 50c; per dozen, \$5.00.

Kaiserin Augusta Victoria. In color it is a soft pearly white, tinted with just enough lemon in the center to relieve the white. Each, 50c; per dozen, \$5.00.

Killarney. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed. Each, 50c; per dozen, \$5.00.

Elvil de Hollander. It is said that this is the best and most popular red hybrid tea in the world. Its gigantic flowers of velvety crimson color hold up remarkably well, getting lighter in shade instead of "bluing" with age. It thrives everywhere. Each, 50c; per dozen, \$5.00.

Margaret McGredy. A brilliant shade of Turkish or Oriental Red passing in the bloom age to a beautiful Carmine Rose. Stems long and stiff. This is one of the best of the newer roses. Each, 50c; per dozen, \$5.00.

Ophelia. A most pleasing, delicate tint of salmon flesh, shaded with rose. Each, 50c; per dozen, \$5.00.

Radiance. A beautiful deep scarlet, same salmon-pink and yellow shadings at the base of the petals. Each, 50c; per dozen, \$5.00.

Radiance—A beautiful deep scarlet, same in habit as Pink Radiance. Each, 50c; per dozen, \$5.00.

Lady Ashtown. The flowers are large and of a delicate soft rose color, shading to yellow at the base. Each, 50c; per dozen, \$5.00.

Lady Hillingdon. A beautiful coppery shade of apricot yellow, beautiful in the bud. Each, 50c; per dozen, \$5.00.

Polyantha or Baby Rambler

Baby Rambler—Crimson. Each, 75c; per dozen, \$8.25.

Catherine Zelmet—Double pure white. Each, 75c; per dozen, \$8.25.

Orleans—Bright red. Each, 75c; per dozen, \$8.25.

Hugonis—Golden rose of China. Each, 75c; per dozen, \$8.25.

Climbing Roses

Prices as listed.

American Pillar—Single deep pink. 2-yr. plants, \$1.00.

Climbing American Beauty—Deep pink. 2-yr. plants, \$1.00.

Dr. Van Fleet—Semi-double, shell pink. 2-yr. plants, \$1.00.

Pauls Scarlet—Deep scarlet. 2-yr. plants, \$1.00.

Silver Moon—Semi-double pure white. 2 yr. plants, \$1.00.

Mary Wallace, Pillar Rose—Flowers very large, exceeding 4 inches across, well formed semi-double, a bright clear rose pink with salmon base to petals. 2-yr. plants, \$1.25.

Spanish Beauty, Mme. Gregirre Stathlin—Very attractive Pink. Will not fade. Long stem. Does not rust. A sensation this year. \$1.00 each.



Claudius Pernet Rose



Gladiolus

Caladium Esculentum (Elephant's Ear)

	Each	Doz.
Buyer's Expense.		
Large Bulbs, 7 to 9 in. circum.	\$0.05	\$0.50
9 to 11 in. ....	.10	.75
11 to 12 in. ....	.15	1.40
12 in. or more ....	.20	2.00

Dwarf Excelsior Pearl Tuberoses—The dry, well cured, bright rich bloomers.

	Each	Doz.
Jumbo Size—6-8 in. circum.....	\$0.10	\$0.75
No. 1 size—4-6 in. circum.....	.05	.50
Priced at buyer's expense.		

Cannas By Mail Postpaid

Eureka. A very free blooming creamy white with green foliage. Each, 5c; doz., 50c; per 100, \$3.50.

King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft. Each, 5c; doz., 50c; per 100, \$3.50.

Martha Washington. One of the most superb pink varieties. Each, 5c; per doz., 50c; per 100, \$3.50.

Panama. An attractive rich orange-red with edge of golden yellow. 3 ft. Each, 5c; doz., 50c; per 100, \$3.50.

Richard Wallace. Canary yellow, 4½ ft. Each, 5c; doz., 50c; per 100, \$3.50.

Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage. 5 ft. Each, 10c; doz., 70c; per 100, \$5.00.

Mixed Varieties. Each, 5c; doz., 40c; per 100, \$3.00.

Gladioli

All Postpaid

There are no other Summer flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Dr. Van Fleet —A beautiful shade of clear pink, large blooms. free flowering	Doz. \$0.20	100 \$1.50
Mona Lisa —Large flowers of a beautiful ruffled lavender pink, almost a pure shade .....	.30	2.00

RED AND SCARLET SHADES

Prince of Wales. Beautiful light salmon with orange shade, very early .....	.30	2.00
Summer Beauty. Very choice deep salmon, distinct shape .....	.30	2.00
Ming Toy —Buff yellow, large persistent bloomer. Does not fade with age .....	.30	2.00
Souvenir —Pure yellow, no markings .....	.20	1.25

WHITE SHADES

Elora. Creamy white overlaid with pink .....	.20	1.25
Peach. The flowers are large, white with a pale lilac feathering on the interior petals .....	.30	2.00
White City. Very large, almost pure white flowers, spikes 5 ft. tall. A grand variety .....	.20	1.25
Lily White. A pure white .....	.25	1.50

YELLOW AND ORANGE SHADES

Challenger. Giant rich velvety red, solid color .....	.40	2.50
Fire King. Long, graceful spikes of intense fire scarlet flowers ..	.30	2.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best .....	.20	1.25
Scarlet Princeps. A very large spike of massive crimson-scarlet flowers. Five to six open at one time .....	.30	2.00
Crimson Glow. A perfect, very large deep scarlet-crimson; flowers on tall, strong spike .....	.30	2.00
Mrs. Geo. W. Moulton. A beautiful Tyrian red, large, free bloomer..	.40	3.00
Krelage Favorite —A brilliant red. Tall robust grower. Very popular for cut flowers .....	.40	2.50

BLUE SHADES

Baron Hulot. A fine violet-blue .....	.25	1.50
Blue Orchid. Rich velvet blue .....	.40	2.50
Herada. Pure mauve with deeper markings on throat .....	.20	1.25
Rev. Ewbank. A fine porcelain blue .....	.20	1.25

PINK SHADES

America. Large flower, beautiful flesh pink .....	.20	1.25
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center .....	.20	1.25
Ida Van. A beautiful deep salmon-red or flaming orange pink ....	.20	1.25
Mrs. Frank Pendleton. The flowers are very large of lovely flushed salmon-pink, with brilliant carmine blotches in the throat ....	.20	1.25
Pink Perfection. Bright pink. Very large flower .....	.30	2.00
E. J. Shaylor. Large, ruffled rose-pink blooms .....	.30	2.00

Primulinus Gladiolus

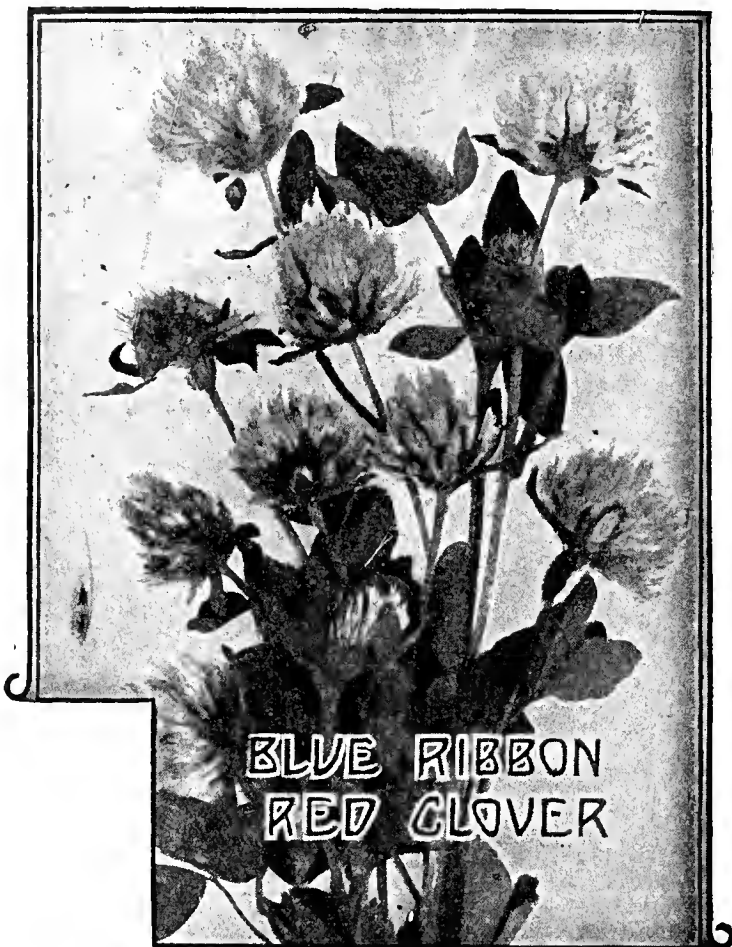
This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations; the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Doz.	100
Alice Tiplady. A grand, large, beautiful orange-saffron color.....	\$0.20	\$1.25
Jewell. A clear salmon-pink with golden throat. Tall, erect, early flowering .....	.30	2.00
Maiden's Blush. Enchantress pink. Well-shaped flowers on long, strong stems .....	.30	2.00
Orange Queen. Large flowers, orange yellow, tinted apricot. A grand variety .....	.85	6.00
Phantasy. A clear salmon-pink with coral margin, buds are brilliant orange-scarlet. Two lower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering .....	.85	6.00
Salmon Beauty. Deep salmon with rich salmon-yellow throat ....	.30	2.00

Matchless Mixed Glads

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

	Doz.	100
Matchless Mixed Glads—Large Head	\$0.20	\$1.10



Blue Ribbon Clover Seeds

For Pasture, Meadow and Lawn

Prices subject to market changes

Bushel and Hundred pound prices are f. o. b. Louisville.

GRASS SEED MIXTURES FOR HAY AND PERMANENT PASTURES

Mixture No. 1. For light, sandy or loamy soils. Perennial Rye Grass, Orchard Grass, Fancy Red Top, Alsike Clover, Tall Oat Grass, Kentucky Blue Grass, Sheep Fescue, Red Clover. Sow 20 lbs. per acre. Price per lb., 25c; 10 lbs., \$1.80 postpaid. Buyer's Expense—20 lbs., \$2.50; 100 lbs., \$12.50. Sacked.

Mixture No. 2. For limestone, stiff or loamy upland soils. Orchard Grass, Kentucky Blue Grass, Perennial Rye Grass, Tall Oats Grass, Fancy Red Top, Red Clover. Sow 25 lbs. per acre. Price, per lb., 25c; 10 lbs., \$2.00; postpaid. Buyer expense—25 lbs., \$3.25; 100 lbs., \$13.00. Sacked.

Mixture No. 3. For heavy loam or clay or bottom lands. Timothy, Fancy Red Top, Meadow Fescue, Alsike Clover, Mammoth Clover. Sow 18 lbs. per acre. Price, per lb., 30c; 10 lbs., \$2.25, postpaid. Buyer's Expense—18 lbs., \$3.25; 100 lbs., \$18.00. Sacked.

Canadian Blue Grass (*Poa compressa*). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land (B. B.) Sow 14 lbs. per acre. Price, per lb., 20c; per bu., \$2.50; per 100 lbs., \$16.00.

Italian Rye Grass (*Lolium italicum*). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass (B. B.) Sow 22 lbs. per acre. Price, per lb., 15c; per bu., \$1.60; per 100 lbs., \$5.50.

Kentucky Blue Grass (*Poa pratensis*). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit it will when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod (B.B.) Sow 14 lbs. per acre. Price, per lb., 25c; per bu., \$2.25; per 100 lbs., \$15.50.

Crimson, or Scarlet Clover (*Trifolium incarnatum*). An annual variety producing large crops of green foliage (C. B.) Sow 20 lbs. per acre. Price, per lb., 15c; per bu., \$6.00.

Alfalfa, or Lucerne (*Medicago sativa*). Northwestern. One of the most valuable forage plants (C. B.) Sow 20 lbs. per acre. Price, per lb., 20c; per bu., \$9.40.

Alfalfa, Grimm. Certified. Much hardier than any other variety (C. B.) Sow 20 lbs. per acre. Price, per lb., 30c; per bu., \$15.00.

Alsike (*Trifolium hybridum*). The hardest of all Clovers, can be cut several times in one season. Grows well on low, wet land (C. B.) Sow 10 lbs. per acre. Price, per lb., 20c; per bu., \$9.00; per 100 lbs., \$14.75.

Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover (C. B.) Sow 10 lbs. per acre. Price, per lb., 20c; per bu., \$10.50; per 100 lbs., \$17.50.

Medium Red (*Trifolium pratense*). Domestic. This is the common Red Clover so largely grown throughout the country (C. B.) Sow 15 lbs. per acre. Price, per lb., 20c; per bu., \$10.00; per 100 lbs., 16.50.

Sweet Clover, Bokhara (*Melilotus alba* also yellow blossom). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed (C. B.) Sow 15 lbs. per acre. Per lb., 10c; per bu., \$3.75; per 100 lbs., \$6.00.

White Clover. (*Trifolium repens*.) The best variety for lawns; valuable in permanent pastures (C. B.) Sow 10 lbs. per acre. Price, per lb., 40c; per bu., \$22.00; per 100 lbs., \$33.00.

Korean. (*Lespedeza*). This is particularly suitable for waste lands, woodland pastures, grows fairly well on poor soils, and spreads rapidly; and when once established, usurps wild growths, and will in many cases even subdue broom sedge. It is not, however, a pest, and can be gotten rid of by plowing it up, and is excellent as a fertilizer. Sow broadcast in the spring during March or April, at the rate of about 10 pounds per acre. Price, postpaid, per lb., 25c; 10 lbs., \$1.50; sacked, bushel, \$3.75.

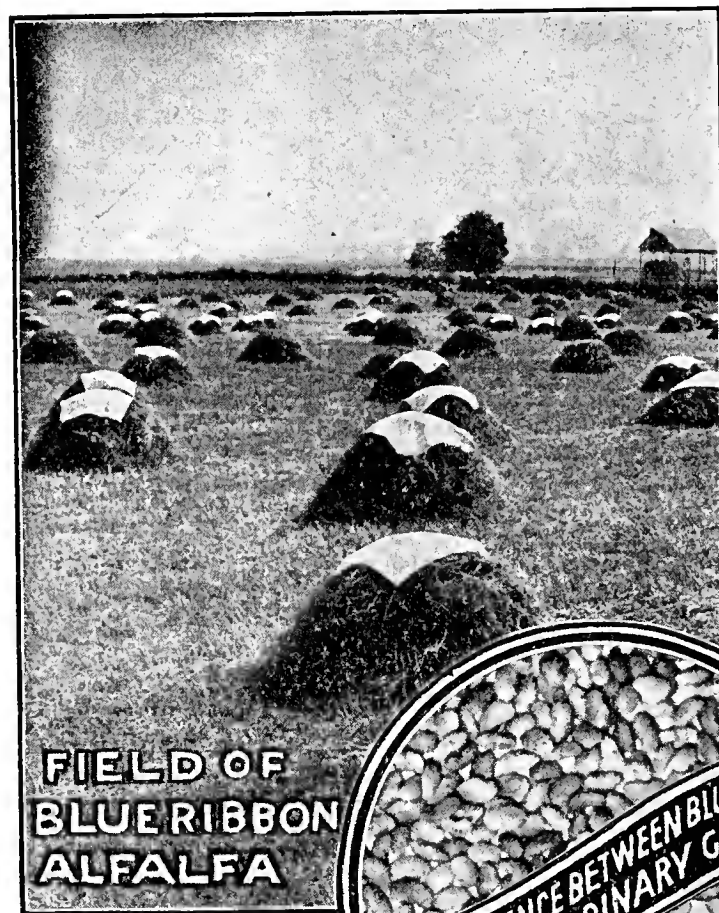
Japan Clover. (*Lespedeza striata*). Low growing. Fine pasture. Postpaid, per lb., 20c; not postpaid, per bu., \$3.00.

Bermuda Grass. Used in the southern states for Lawns (C. S.) Sow 35 lbs. Price, per lb., 40c; per 100 lbs., \$28.00.

Cahoon's Broadcast Seed Sower. This machine will sow. Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator, \$3.50.

Cyclone Seed Sower. It will sow as fast as you can walk, and the quantity can be regulated to any amount to the acre. By mail postpaid, \$2.20. Not prepaid, \$2.00.

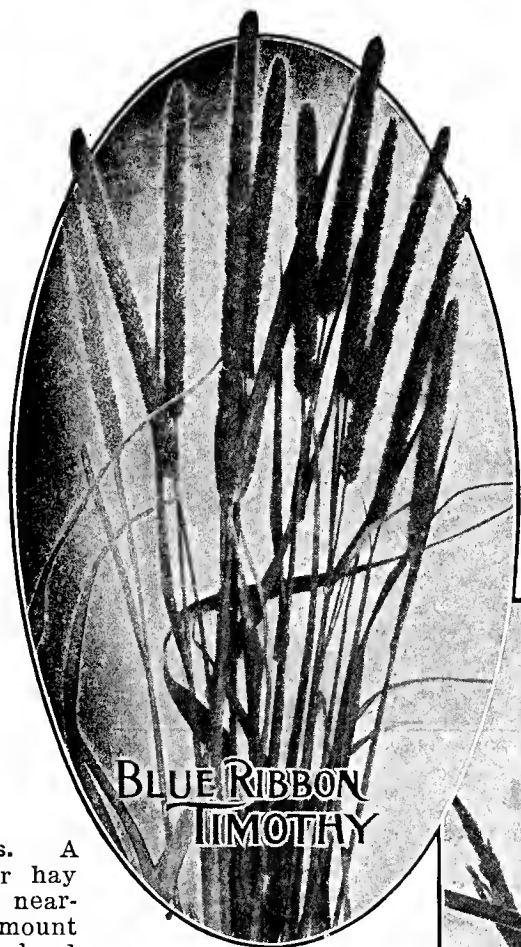
Horn Seeder. Adjustable for seeding any amount per acre, each, \$1.00, postpaid.



BUY QUALITY SEED
AND BE SATISFIED

Blue Ribbon Grass Seeds

For Pasture and Hay Crops



Orchard Grass. A good grass for hay crop, yielding nearly the same amount as Timothy. Orchard

Grass will grow on almost every soil. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre (B. B.) Sow 14 lbs. per acre. Price, per lb., 35c; per bu., \$1.15; per 100 lbs., \$8.00.

Red or Creeping Fescus (*Festuca rubra*.) Resists extreme drought, thrives on gravelly banks and exposed hills. Excellent for Lawns and Putting Greens, 25 lbs. per acre (C. S.) Sow 14 lbs. per acre. Price, per lb., 40c; per bu., \$4.00; per 100 lbs., \$25.00.

Red Top, Fancy Cleaned (*Agrostis vulgaris*.)

A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre (C.S.) Sow 14 lbs. per acre. Price, per lb., 15c; per bu., \$1.50; per 100 lbs., \$10.00.

Rough Stalk Meadow Grass (*Poa trivialis*.) A spreading, stoloniferous rooted grass. Adapted for shady lawns, and pasture mixtures (B. B.) Sow 14 lbs. per acre. Price, per lb., 60c; per bu., \$7.00; per 100 lbs., \$48.00.

Sheep Fescue (*Festuca ovina*.) A small tufted, hardy grass, of value in mixture for lawns or dry soil (C.S.) Sow 14 lbs. per acre. Price, per lb., 30c; per bu., \$3.50; per 100 lbs., \$24.00.

Tall Meadow Oat Grass (*vena elatior*.) A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth (B.B.) Sow 10 lbs. per acre. Price, per lb., 20c; per bu., \$2.10; per 100 lbs., \$18.00.

Timothy, or Herb Grass (*Phleum pratense*.) The standard hay of commerce. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover (C. S.) Sow 45 lbs. per acre. Price, per lb., 10c; per bu., \$2.30; per 100 lbs., \$4.75.

Wood Meadow Grass (*Poa nemoralis*.) Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold (C. S.) Sow 14 lbs. per acre. Price, per lb., 65c; per bu., \$7.50; per 100 lbs., \$50.00.

Creeping Bent Grass (*Agrostis Stolonifera*.) Desirable for mixing with other lawn or pasture grasses (C. S.) Sow 15 lbs. per acre. Per lb., \$3.00; per bu., \$45.00.

Created Dogtail (*Cynosurus cristatus*.) Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color (C. S.) Sow 20 lbs. per acre. Price, per lb., 60c; per bu., \$7.00; per 100 lbs., \$48.00.

English Rye Grass (*Lolium perenne*.) Produces a strong growth in four or five weeks after sowing. Sow 60 lbs. to acre (B. B.) Sow 24 lbs. per acre. Price, per lb., 15c; per bu., \$1.60; per 100 lbs., \$5.50.

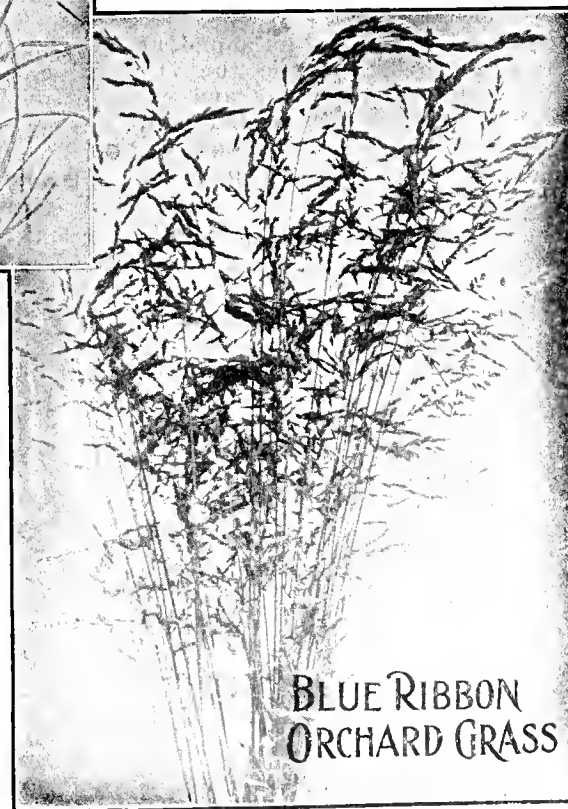
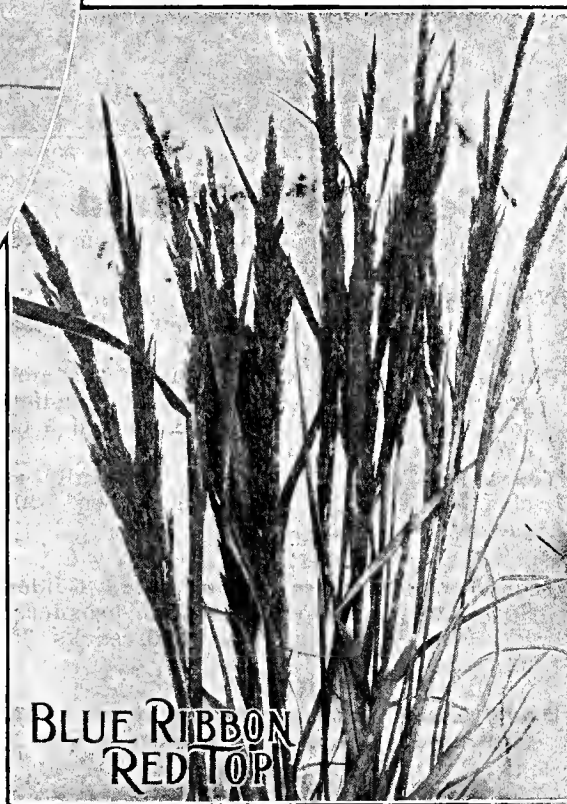
English Rye Grass (Pacey's). A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns (B.B.) Sow 24 lbs. per acre. Price, per lb., 20c; per bu., \$2.75; per 100 lbs., \$10.00.

Fine Leaved Fescue (*Festuca ovina tenuifolia*.) Suitable for lawns and putting greens (C.S.) Sow 16 lbs. per acre. Price, per lb., 60c; per bu., \$7.75; per 100 lbs., \$50.00.

Hard Fescue (*Festuca duriuscula*.) A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils (C. S.) Sow 14 lbs. per acre. Price, per lb., 40c; per bu., \$3.25; per 100 lbs., \$22.00.

Meadow Fescue, or English Blue Grass (*Festuca pratensis*.) Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It should be always mixed with other grasses (B. B.) Sow 15 lbs. per acre. Price, per lb., 15c; per bu., \$1.40; per 100 lbs., \$8.00.

New Zealand, or Chewing's Fescue (*Festuca rubra*.) Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre (B. B.) Sow 14 lbs. per acre. Price, per lb., 40c; per bu., \$5.60; per 100 lbs., \$38.00.



Cow Peas and Soy Beans

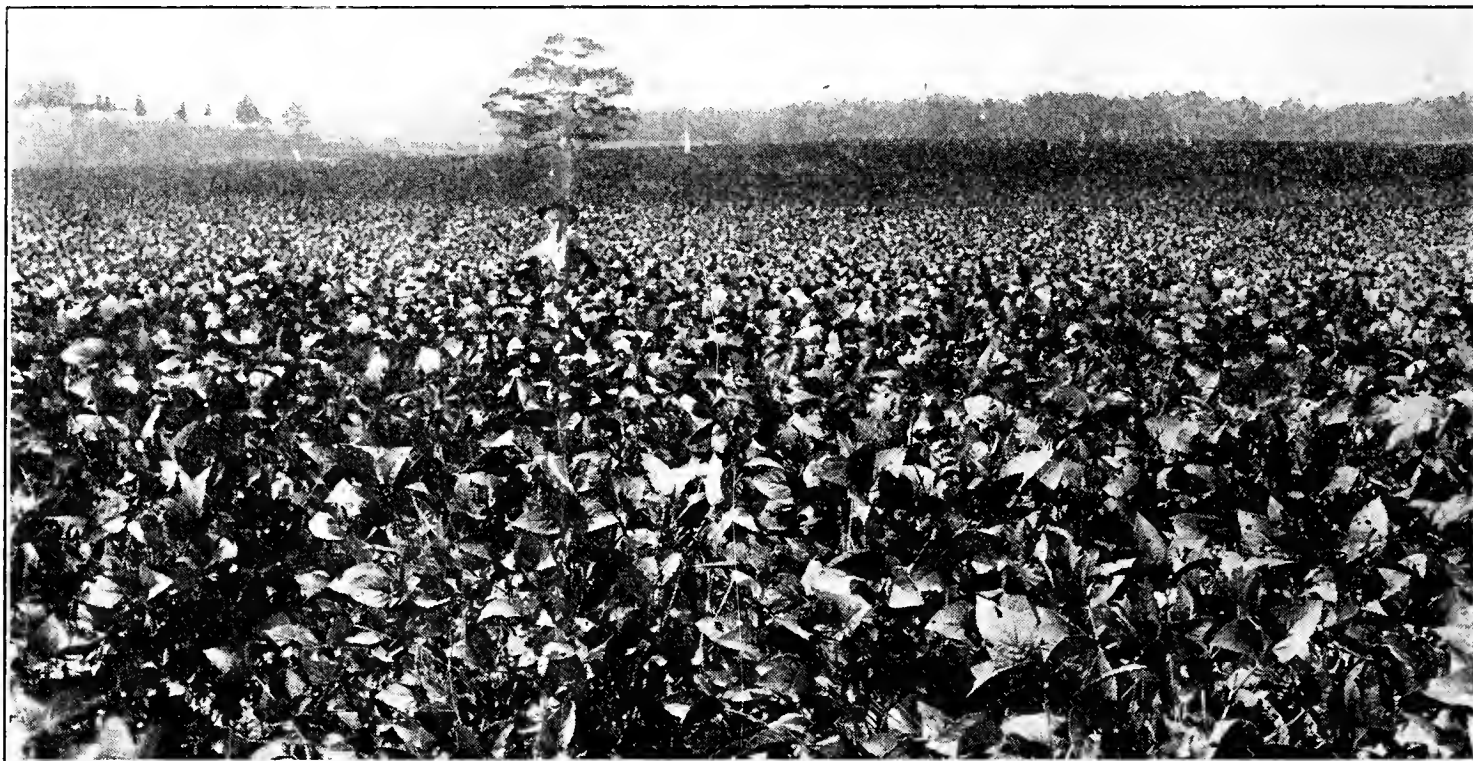
Cow Peas

2½ bu. to The Bag.

Mixed. A general mixture of good standard varieties which are used largely for forage and improving the soil. Produces rank foliage. \$1.25 bu., sacked.

New Era. Are two or three weeks earlier than Whippoorwill and make a heavier growth of vine. The seed is small, but a large amount of it is produced on the vines. Erect growth, \$1.50 bu., sacked.

Whippoorwill. Best early variety for hay and forage. An excellent soil improver but does not produce as much foliage as the Mixed and Black Cow Peas. Bush variety \$1.50 bu., sacked.



Cow Peas Make More Hay

Blacks. Little later than the Whippoorwill, but produces more foliage. One of the best of all vine varieties for forage and soil improvement. \$1.50 sacked.

Brabham. One of the best early varieties for hay and forage. Upright in growth, \$1.60 bu., sacked.

Clay. An excellent variety for forage and soil improvement. Trailing and a rank grower. Vining variety. \$1.50 bu., sacked.

Soja or Soy Beans

Sow 1½ bu. per Acre Broadcast

Virginia Yellow. On account of its abundant growth and large yield of beans, the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow. Per bu., \$1.35, sacked.

Virginia Brown. Similar to the Yellow variety. Per bu., \$1.25.

Mammoth Yellow. Is one of the largest growers among soy beans. Per bu., \$1.15, sacked.

Hollybrook. Earlier than the Mammoth Yellow. Fine for hay, forage and beans. Matures in about 130 days. \$1.35 bu., sacked.

Laredo. A new soy bean, very desirable for hay in Kentucky and the South. Stools like orchard grass, holds its beans exceptionally well and is not subject to wilt. 1 lb., 25c; postpaid. \$2.15 bu., sacked.

Mid-West. An early, yellow hay bean, much used here. \$1.00 bu., sacked.

Wilson Early Black. Average height on good land is about 3 feet. Matures in about 115 days. Per bu., \$1.60, sacked.

Early Lexington Soy Bean. Unrivalled for the North and South. Extremely early. Produces heavy hay and grain crops. Grows upright, making excellent forage or hay. Recommended by the Lexington Agricultural Experiment Station, from which it gets its name, as being one of the finest of the early maturing varieties. Splendid for late planting. Per bu., \$2.00 sacked.

Selected Oats Seed

Write for Prices on Quantities when ready to buy.

White Spring Oats. Usually preferred for thin land. Heavy producer. Bu., 42c, sacked.

Burt or Ninety Day Oats. One of the most popular of the early varieties. Excellent for grain and hay. Bu., 50c, sacked 5 bu. bags.

Texas Red Rust Proof Oats. Carefully re-cleaned, genuine Southern grown. 50c, sacked 5 bu. bags.

MILLET

True Tennessee Grown Cultivated Golden. Sow 1 to 1¼ bushels per acre, broadcast. Pk., 40c; postpaid, bu., \$1.10, sacks 35c extra.

RAPE

Dwarf Essex. The quickest growing forage crop produced, ready to pasture within 60

days. Invaluable for hogs, sheep and poultry. A good crop of rape will carry more hogs during hot, dry weather than four times the amount of land planted to anything else. Sow four to six pounds per acre. 1 lb., 10c; 10 lbs., 80c; postpaid. 50 lbs., \$3.50; 100 lbs., \$6.50. F. O. B. Louisville, Bag 35c extra.

Sorghum or Cane

Sow 1 pk. per Acre.

Honey Dew or Syrup Cane. 1 lb., 15c; postpaid. 12 lbs., or pk., 45c; 50 lbs., \$1.25.

Red Top Sorghum. 1 lb., 15c; postpaid. 12 lbs., or pk., 40c; 50 lbs., \$1.25.

Early Amber Sorghum. 1 lb., 15c; postpaid. 12 lbs., or pk., 45c; 50 lbs., \$1.25.

Early Orange Sorghum. 1 lb., 15c; 12 lbs., or pk., 45c; 50 lbs., \$1.25.

SUDAN GRASS—One of the greatest drought-resisting forage and fodder crops grown. Sow 8 lbs. per acre. It will yield from eight to twelve tons of hay per acre. Per lb., 15c; 10 lbs. at 14c per lb.; 100 lbs., \$3.25. Postpaid.

JAPANESE BUCKWHEAT. Biggest grain money-maker for poor land. Does better than corn on poor land. Sow 1½ bushels per acre broadcast during June, July and August. Bu., \$1.25; 5 bu. lots, \$1.15 per bu., bags included.

BARLEY—Bearded—Sow 1½ bu. per acre. Price, \$1.35 per bu.; 5 bu. lots, \$1.25 bu., sacked.

BROOM CORN—Dwarf Oklahoma—A dwarf variety, universally used. Per lb., 15c, postpaid; 10 lbs., 60c; 50 lbs., \$2.50, sacked.

EVERGREEN—Tall variety. Desirable for long staple brooms. Per lb., 25c postpaid; 10 lbs., 60c; 50 lbs., \$2.50, sacked.

CANADA FIELD PEAS. Canada Field Peas should be sown in February or March, weather permitting. They make large yields of most nutritious hay, cut either green or cured for hay. They should be sown one and a half to two bushels per acre with one-half bushel spring oats. Pk., 85c; bu., \$3.00, sacked.

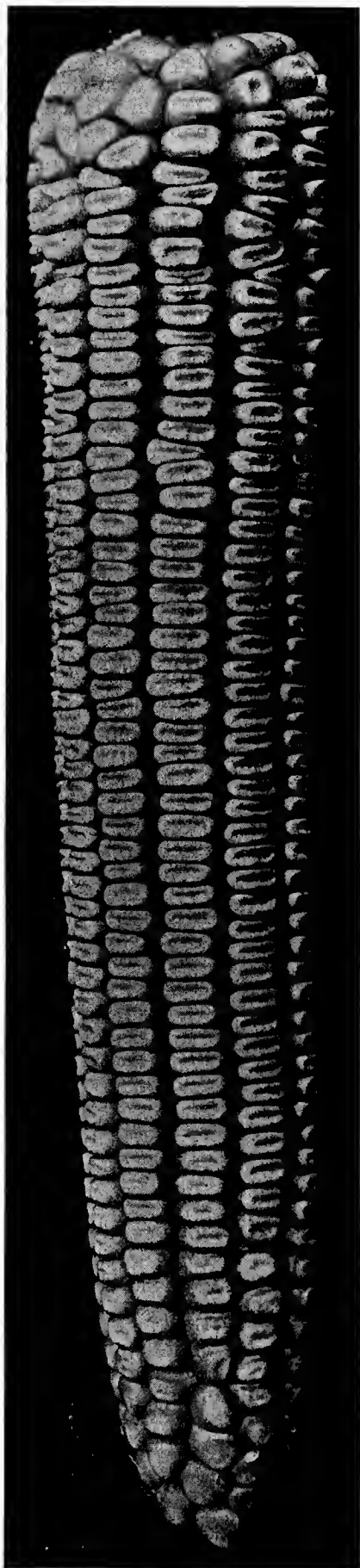


Virginia Brown Soy Bean

Blue Ribbon Field Seed Corn

WHITE VARIETIES

Johnson County White Dent. A very highly bred White Corn, of large size. It is medium late-maturing variety. The ears are from 9 to 11 inches in length and $7\frac{1}{2}$ to 8 inches in circumference containing from 18 to 22 rows. The cob is medium in size and white in color and butts of ears deeply rounded with medium shank. Tips



Iowa Silver Mine Corn

of ears fill well, a large per cent being completely covered with grain. 1 pk., 50c; 1 bu., \$1.75; 5 bu., \$1.70 per bu. Sacked.

Blue Mountain Ensilage. This is truly a remarkable corn, producing an immense amount of fodder and an exceedingly heavy crop of long, slender ears of grain of the finest milling and feeding quality. 1 pk., 60c; 1 bu., \$2.10; 5 bu., \$2.00 per bu. Sacked.

Hasting's Prolific Corn. Hasting's Prolific Corn is acknowledged by many stock feeders and dairymen as the best of all ensilage varieties. The stalks grow from 8 to 12 feet tall, bearing three to four ears to the stalk. The stalks are stout, deep rooted and stand up well under winds. Good land has been known to produce from four to six well filled, medium size, well shaped ears. The grain is deep, hard and white. The ears are medium to small, protected by tight-fitting shuck. Hasting's Prolific Corn matures in 120 to 130 days, is a splendid corn for roasting ears, grain production, milling purposes and general feeding. Pk., 60c; bu., \$2.00; 5 bu. at \$1.90 per bu.

Hickory King. This variety is immensely popular and justly so on account of its heavy yield, both of grain and fodder. While the ears are short, they more than make up for this in the large size of the grain. There are usually two and sometimes three ears on a stalk and the grain is the very highest quality for milling and feeding. 1 pk., 60c; 1 bu., \$2.00; 5 bu., \$1.90 per bu. Sacked.

Iowa Silver Mine. One of the best early white corns, which matures in this locality in 85 days. It is pure white, grain is solid, dented, and produces fine meal. Ears are of good length, symmetrical, well filled; grains are deep, narrow, averaging 18 to 20 rows, solidly packed on the cob. Our stock is Iowa grown. 1 pk., 60c; 1 bu., \$1.75; 5 bu., \$1.75 per bu. Sacked.

Improved Boone County White. The ears are 8 to 11 inches long, $7\frac{1}{2}$ to 8 inches in circumference, averaging from 12 to 18 ounces; cob is medium long, grain pure white, remarkably well filled out, both tips and butts. 1 pk., 60c; 1 bu., \$1.75; 5 bu., \$1.70 per bu. Sacked.

Mammoth Red Cob White Dent. One of the best all-round white sorts for rich land, producing large crops of fine quality corn. The ears averaging about 10 in. in length, of uniform size and great depth of grain, rows 18 to 34 on red cobs, well filled. 1 pk., 60c; 1 bu., \$1.75; 5 bu., \$1.90 per bu. Sacked.

YELLOW VARIETIES

Early Yellow Dent. An early variety of yellow corn well suited to Southern needs, producing one to two good ears to the stalk. The ears will average from 10 to 12 inches, grain slightly dented, rich in color and fine feeding quality. 1 pk., 60c; 1 bu., \$1.75; 5 bu., \$1.70 per bu., sacked.

Southern Prize Yellow Dent.—We believe this is one of the earliest of all varieties of Yellow Corn. It has a very rich orange yellow color and runs very high in oils. The ears are from 11 to 12 inches long, the grain comparatively deep but not as long and yellow as the Reids Yellow Dent. The cob is small and well filled at both ends.

Price, pk., 60c; bu., \$1.75; 5 bu. lots, \$1.70 per bu., sacked.

Reids Yellow Dent. Our grower of this variety of corn advises us this season that he has just harvested one of the finest crops he has ever grown. Thru hand selection and careful roguing his seed stocks have been brought up to a place where they are the envy of his neighbors. The grains are plenty, deep, slightly dented and a rich yellow color. Pk., 60c; bu., \$2.00; 5 bu. lots, \$1.90; sacked.

Golden Ensilage.—A Rich Golden Grain Fairly long ear; medium grains; great fodder producer. One of the best yellow ensilage corns on the market. Pk., 75c; bu., \$2.50.



Reid's Yellow Dent Corn



All Plant Life Must Have Food

LIKE human beings plants require a balanced diet for normal, healthy growth.

Vigoro, the complete, scientifically prepared plant food, contains all the nourishment necessary to produce thick, velvety-green lawns; large, richly colored flowers; early, delicious vegetables; and healthy, full-foliaged trees.

Vigoro is clean, odorless, and easy to use. It's economical, too! Full directions in every bag.

Prices	
100-lb. bag	\$ 5.00
50-lb. bag	3.00
25-lb. bag	1.75
5-lb. pkg.	.50
12-oz. pkg.	.15

VIGORO

Complete plant food

A product of
Swift & Company



For Lawns, Gardens, Flowers, Shrubbery, and Trees

Double Key Brand Granulated Peat Moss

A Short Outline of its Manifold Uses about the garden, Home, Nursery and Greenhouse.

Granulated "Double Key" Brand Peat is imported from the northern part of Germany, known as the Moorlands. Some peat moss also is imported to substitute domestic materials, mostly so-called Muck producers claim the same properties for their products, as for imported peat moss, which is an absolute erroneous supposition and a misstatement of facts.

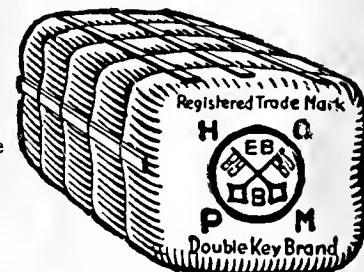
MULCHING (TOP DRESSING:)

Cover all perennial beds with 1 to 2 inches of "Double Key" brand granulated peat moss. Shrubs and evergreens mulch to a depth of 3 inches or more. Peat Moss mulch prevents the soil from cracking, prevents weed growth, and enhances the beauty of your flower beds, whether roses, shrubs, or evergreens, in a startling degree. The beneficial effects of peat moss upon plants when used as a mulch, should convince the most sceptical in a relatively short time.

Peat soil is required by all flowering or broad-leaved evergreens, such as, Rhododendrons, Laurels, Kalmias, Azaleas, etc., also Ferns and many Lilies and Irises. All evergreens or conifers do well by digging and filling in Peat Moss to a depth of 6 inches and from 2 to 3 feet from the stem. To hold it down, this should be covered with ordinary garden soil.

APPROXIMATE AREAS COVERED BY ONE STANDARD BALE OF GROUND PEAT MOSS

	2 Inch Deep
1 bale covers	125 sq. ft.
5 bales cover	625 sq. ft.
10 bales cover	1350 sq. ft.
Prices, 1 bale, about 22 bushels	\$3.75



Double
Key
Brand

Peat
Moss

BONE MEAL

Bone Meal comes in three grades, Coarse, Medium and Finely Ground—Finely ground or steam bone is quickly soluble, the Course is very slow to dissolve. Therefore if quick results are to be attained use that which is quickly soluble—For Fall use on lawns the use of Bone Meal is desirable. For Roses, Peonies and Perennial plants we recommend the coarsely ground. It will not burn the tenderest plants if applied reasonably. Prices, 5 lbs., 35c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00. This price applies to any grades.

Nitrate of Soda. As a top dressing use at the rate of 100 lbs. per acre. For the home garden apply a solution of 1 oz. to two gallons of water. 1 lb., 15c; 2 lbs., 25c; 10 lbs., 60c; 25 lbs., \$1.10; 50 lbs., \$2.00; 100 lbs., \$3.75.

STIM-PLANT

PLANT STIMULANT TABLET

Make your flowers and vegetables grow faster. Make their growth stronger and more luxuriant. Keep lawns fresh and green.

ODORLESS ECONOMICAL
CONCENTRATED EASY TO APPLY

THE MAGIC FERTILIZER IN TABLET FORM

STIM-U-PLANT is the most complete plant-food in tablet form. The three mineral nutrients most heavily drawn from the soil by growing plants (flower and vegetable) are nitrogen, phosphoric acid, and potash. Because of this fact, STIM-U-PLANT tablets are made up of these three in a balanced ration of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

TABLE FORM FERTILIZER UNIQUE AND VALUABLE

1. Gives an EXACT FEEDING UNIT—no guess work.
 2. Provides for ABSOLUTE CONTROL, of feeding, eliminating the danger of over-feeding.
 3. No MESSY MIXING.
 4. No unpleasant ODOR.
 5. Is EASIEST to APPLY.
 6. Insures MAXIMUM EFFICIENCY because the plant gets all the food-value—none being lost through scattering where not available to the plant, leaching, and run-off of surface soil-water.
 7. Makes REPOTTING of house plants UNNECESSARY, as it replaces the food withdrawn by the growing plant.
- Because of its ready solubility, STIM-U-PLANT can easily be used as a liquid manure, by dissolving the tablets in water at the rate of four to the gallon.
- | | |
|---|--------|
| Medium size, 100 tablets | \$0.75 |
| Small size, 30 tablets | .25 |
| Large size (pail), 1,000 tablets (enough for season's supply for medium sized gardens | 3.50 |



COMMERCIAL SHEEP MANURE

This brand has been collected and sacked by a very responsible and careful handler. It has been heat-treated for elimination of foreign seed. We recommend it for every purpose to which sheep manure is used. It is sold in full size bag lots, no broken packages. 25 lb. bags, 75c; 50 lb. bags, \$1.25; 100 lb. bags, \$2.25.

In making new lawns, pulverize the surface soil well and broadcast at the rate of 6 to 10 pounds per 100 square feet, raking well into the surface soil. Sow seed and roll.

For renovating old lawns, use 6 pounds per 100 square feet and rake into the surface soil previous to sowing seed.

For garden planting, mix a small handful with the soil when planting each bulb and plant—larger amounts for shrubs and trees.

For making potting soil, mix thoroughly one part of Sheep Manure with twelve parts of soil.

Liquid Manure—for house plants and window boxes—is made by mixing one pound of Sheep Manure in five gallons of water. Use twice weekly.

Wizard in 2, 5 and 10 pound sealed bags will be found very convenient for house plants and window boxes.

Prices 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.25; 50 lbs., \$1.75; 100 lbs., \$2.75; 5 bag lots, \$2.50; Ton, \$40.00.

SULPHATE OF AMMONIA—Lawn courses, large estates and expert grass growers in this section use Sulphate of Ammonia extensively and very successfully. Price, 1 lb., 10c; 5 lbs., 40c; 25 lbs., \$1.25; 100 lbs., \$3.85.

Insecticide and Fumigicides

**POISONS
CANNOT BE
MAILED**



**EXPRESS
FREIGHT
ONLY**



Acme Garden Guard

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on:

Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb. sifter carton 20c; 5 lb., 60c.

Acme Paris Green

A rich, emerald color and of fine fluffy physical character. Containing 55 per cent arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on:

Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices: ¼ lb., 15c; 1 lb., 35c; 5 lb., \$1.65; 14 lb., \$4.00; 100 lb., \$27.00.

Acme Two-Way Spray

A balanced insecticide and fungicide containing 14 per cent arsenate of lead and 83 per cent Bordeaux Mixture. Two results with one application.

Use wet or dry on:

Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables. Prices: ½ lb., 25c; 1 lb., 40c; 4 lb., \$1.00; 100 lb., \$24.00.

Acme Bean Beetle Dust

A special beetle preparation most effectively used against Mexican bean beetle. Being both stomach and contact poison, it is sure to give quick results.

To be applied only as a dust. For use against:

Mexican bean beetle, potato bug, cucumber beetle and many other less common hard shelled beetles.

Prices: 1 lb., 25c; 4 lbs., 60c; 100 lb., \$11.00.

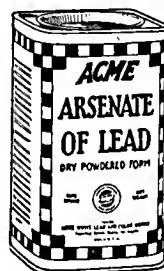
Acme Oil Spray

A dormant oil spray for control of scale insects, aphids and red mite on deciduous fruit trees and shrubs.

Prices: Qt., 30c; gal., 75c; 5 gal., \$2.00.

Acme Lime Sulfur

A standard 33 degree Baume lime and sulphur converted into a dry powder but having all the effectiveness



of the liquid product when dissolved in water.

For use on:

Dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. Prices: 1 lb., 30c; 5 lb., \$1.25; 10 lb., \$2.00; 25 lb., \$3.75.

Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

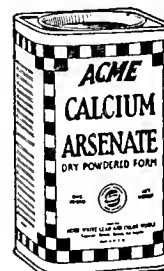
Prices: ½ lb., 20c; 1 lb., 25c; 4 lb., 80c; 100 lb., \$13.00.



Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Prices: 1 lb., 25c; 4 lb., 80c; 100 lb., \$14.00.



Acme Calcium Arsenate

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects on potatoes, vegetables, cotton and certain fruit trees.

Prices: 1 lb., 20c; 4 lb., 60c; 100 lb., \$12.00.



Acme Spray Soap

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

Prices: 1 lb., 25c; 5 lbs., \$1.00.

Nicofume (Tobacco Paper). For fumigating greenhouses and for hot-bed uses, 24 sheets, 18x6, to a tin. Not postpaid, 24 sheets, \$1.25; 144 sheets, \$4.75; 228 sheets, \$8.25.

Nicofume Liquid. Liquid form of Nicotine, used for spraying or fumigating; ¼ lb., 75c; 1 lb., \$2.00; 4 lbs., \$5.85; 8 lbs., \$10.85.

Black Leaf 40 (Liquid). A concentrated solution of nicotine-sulphate. Highly recommended as a spray for aphids on tender plants. 1 oz., 35c; 5 oz., \$1.00; 2 lbs., \$3.75; 10 lbs., \$11.85, express or freight only.

Nicofume Dust (Black Leaf). Nicofume dust should be applied on warm days—above

75 degrees Fahr, if practicable; 95 to 100 degrees, in the sun, is still better.

Nicotine kills by direct contact.

Price, 1 lb., \$1.00; 5 lb. pkg., \$3.50.

Tobacco Dust. One of the cheapest and most effective remedies for destroying lice and worms on cabbage, striped bugs on melons, cucumbers and squashes, and other insects. Price, 1 lb., 20c; 10 lbs., \$1.00; postpaid. Not postpaid, 1 lb., 10c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

Tree Tanglefoot. A perfect safeguard for trees against gypsy, brown-tail and tussock moth, caterpillars, canker worms, cut worms, ants, and other creeping insects. Apply during February. Will last about three months. 1 lb. for 6-foot band 4 inches wide, 1-16 in. thick. Full directions on each package. Price, 1 lb., 60c; 5 lbs., \$2.75; postpaid. Not postpaid, 1 lb. can, 50c; 5 lb. can, \$2.40; 10 lbs., \$4.50.

Scalecide. Best spray available for San Jose scale, non-poisonous. Mix 1 gallon to 15 gallons of water. If applied in the fall and winter or early spring when foliage is off, it will destroy successfully all scale. Price, 1 qt., 75c; 1 gal., \$2.25; postpaid. Not postpaid, 1 qt., 65c; 1 gal., \$1.60; 5 gals., \$5.50; 10 gals., \$9.75; 30 gal. barrel, \$23.50; barrel (50 gals.), \$33.00.

Derrisol. Fine for Rose Diseases, Red Spider or Evergreens, etc. 2 oz., bottles, 35c each; ½ lb., bottles, \$1.20 each; 1 lb. bottles, \$2.00.

Pomogreen. With Nicotine can be used either dry or spray form. A complete insecticide or fungicide for any flowering plant. 1 lb. size, 75c; 5 lb. size, \$3.00.

Pomogreen. Without Nicotine, known as Rose Dust. 1 lb. size, 40c; 5 lb. size, \$1.50. Either of these materials are extremely satisfactory.

Sulphate of Copper. (Blue Stone or Vitriol). Used in making Bordeaux mixture in combination with lime, the proportions being 4 lbs. blue stone, 4 lbs. lime, 50 gallons of water until it dissolves; dissolves the lime in water, strain and mix. Place the blue stone in a canvas sack, immerse in water. Price, 1 lb., 20c; 25 lbs., \$2.75; 100 lbs., \$10.00. Non-mailable.

Sulphur. For mildew on roses, lettuce and other plants. Also valuable for poultry, insects, etc. Price, 1 lb., 15c; 10 lbs., 75c; postpaid. Not postpaid, 1 lb., 10c; 10 lbs., 35c; 25 lbs., \$1.00; 100 lbs., \$3.50.

Evergreen Spray Material. We recommend for leaf tier, moth miller aphids, thrips, red spider, mealy bug and rose insects, aster beetle, chrysanthemum mite also all hot-house plant diseases. Directions on the package. 1 oz., 35c; 6 oz., \$1.00; 16 oz., \$2.00; 32 oz., \$3.50; gal., \$13.00.

FRAM'S Tree Dressing. For cuts or bruises. 1 qt., 60c; 1 gal., \$1.50.

Columbia Fly Killer. Qt., 40c; ½ gal., 75c; gal., \$1.25.

Antrol—This system has revolutionized methods for the control of ants. It stops the invasion of these unsightly and destructive pests—effectively, permanently and safely!

Price—Cottage sets, 6 jars and one bottle syrup \$1.75, extra bottles syrup, \$1.00 pint.

Small Cottage Sets containing 4 jars and ¼ oz. bottle syrup, \$1.00. 4-oz. bottle syrup extra, 50c.

Sprayers

AUTO-SPRAY No. 26 — CONTINUOUS ATOMIZER—The continuous feature of this pump is a decided advantage over ordinary atomizers which are intermittent, in that spraying can be done more rapidly with much less exertion.

Price, No. 26A—1 qt. all tin; post-paid\$0.85

Price, No. 26 C—1 qt. pump, tin; tank, brass; postpaid 1.30

DUST GUN—For Mexican bean beetle in small gardens. Duster Brown, No. 2C, quart size, each, \$1.75; 1 pint, postpaid\$1.25

SINGLE ACME BELLOWS—A simple and practical implement for applying all powdered insecticides. It will apply on top sides or underneath the leaves. It is easy to operate, light and serviceable. Price each, pospaid\$2.00

LEGGETT IMPROVED CHAMPION PARIS GREEN DUSTER—Superior to all dry powder guns for applying Paris Green to potatoes and tobacco. Price, for Louisville\$13.50

AUTO-SPRAY COMPRESSED AIR—It is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge its contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. Capacity, 4 gallons. Made with heavy galvanized steel and sheet brass tank.

Price, No. 9 B Brass Tank\$8.00

Price, No. 9 D Galvanized Tank 5.50

Price, 2 ft. Solid Brass Extension, each50

Price, Strainer, Solid Brass 1.30

Price, Two-Row Attachment, Brass .. 1.65

BROWN'S AUTO-SPRAY No. 3—The Auto-Spray No. 3 is the most powerful and durable wheelbarrow sprayer we manufacture. It is an excellent general purpose sprayer. On account of its adequate agitator it is especially well suited for handling whitewash and cold water paints. It can be easily moved about on the large single wheel truck. By virtue of its having only one wheel it can be handled as a wheelbarrow and will turn around in very small space. This pump is used extensively for spraying trees. It can also be used in the garden.

Specifications and Construction—Pump is 1½ inches in diameter. Pump cylinder solid brass tubing. Valves and bottom casting solid brass. Agitator connected direct to the handle. Air chamber is made of steel tubing. The truck is made of iron pipe. The wheel is 20 inches in diameter, and the tire is 2 inches wide. It is equipped with 8 feet of ¾-inch high pressure hose, stop cock shutoff and Non-Clog Junior Nozzle. A 2-foot 8-inch iron extension is furnished. Auto-Spray No. 3 is packed knocked down. Total shipping weight, 57 lbs.

Non-clog Nozzle — All brass shower.
Each\$1.10.

Auto Pot Attachment. Each 1.50.
Spray Hose—¾-inches high pressure. Per ft.\$1.80

No. 22 AUTO-SPRAY ATOMIZER—Liquid for all kinds of small spraying and disinfecting. Very effective, as it throws a very fine mist-like spray. Made of heavy tin and holds one quart. Price, post-paid\$0.75



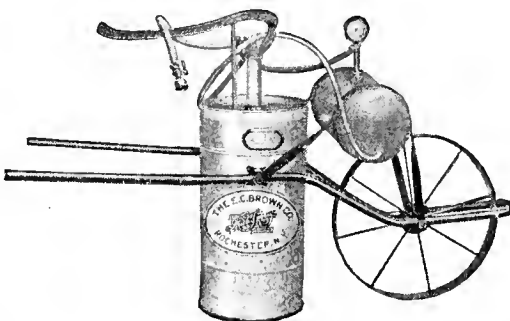
No. 26 Continuous Atomizer



Mexican Bean Beetle Dust Gun



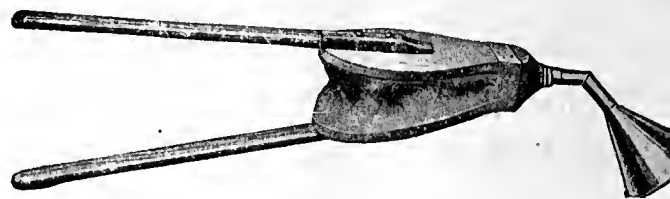
No. 9 Compressed Air Sprayer



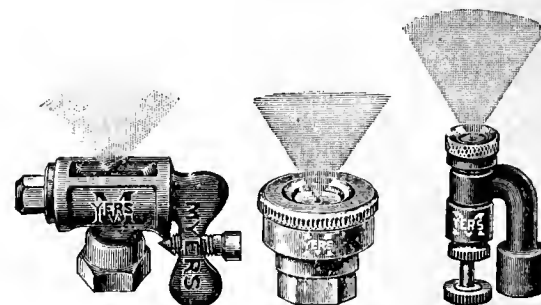
Wheelbarrow Compressed Air Sprayer



No. 22 Atomizer



Single Acme Bellows



HOSE NOZZLES FOR SPRAY PUMPS—

"Bordeaux," adjustable. Each \$1.25.

"Vermorel"—A fine spray. Each \$1.15.

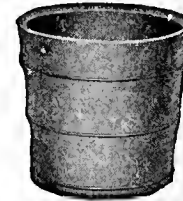
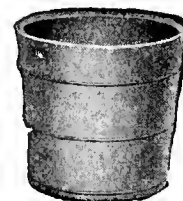
"Shower"—Will not clog and does the work without waste of material and time. ¼ in. thread pipe. Each \$1.00.

Kant Clog Nozzle—Each \$1.10.

BROWN WHEELBARROW PORTABLE SPRAY—With Compressed air tank with 15 foot hose, 15 gal. tank, nozzle. Complete\$28.00

(See illustration below)

PLANT TUBS



Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply drop handles if wanted at 30c per pair. Inside measurements:

	Diameter	Height	Each
No. 3	8 in.	8 in.	\$0.70
No. 4	9 in.	9 in.	.75
No. 5	10 in.	9 in.	1.00
No. 7	12 in.	11 in.	1.35
No. 9	14 in.	13 in.	1.75
No. 11	16 in.	15 in.	2.00
No. 13	18 in.	17 in.	2.50
No. 14	19 in.	18 in.	3.65

WOOD STUBBS CO.

INCORPORATED

Designers of Beautiful Home Grounds

SEEDS BULBS NURSERY STOCK
GARDEN FURNITURE

AMOUNT ENCLOSED	DO NOT WRITE HERE
\$ _____	No. _____
M. O. _____	Date Rec'd _____
Check _____	Gathered by _____
Cash _____	Checked by _____
Stamps _____	Wrapped by _____
	Date Sent _____

COUNTY _____

By ☐ PARCEL POST ☐ EXPRESS OR ☐ FREIGHT. Indicate whether order is to be sent by Parcel Post, Express or Freight by placing letter **X** in respective square, thus ☒

[illegible]

NAME _____

POST OFFICE

COUNTY

STATE

NON-WARRANTY—Wood Stubbs Co. give no warranty, express or applied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Postage
Will be Paid
by
Addressee

No
Postage Stamp
Necessary
If Mailed In The
United
States

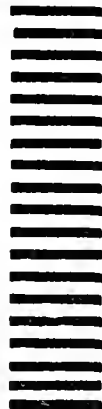
BUSINESS REPLY ENVELOPE

FIRST CLASS PERMIT NO. 46 SEC. NO. 384½ P. L. & R., LOUISVILLE, KY.

WOOD STUBBS CO.
INCORPORATED

420 East Broadway

Louisville, Ky.





SMALL FRUITS, PLANTS AND ROOTS

for Suburban Estate—Small Homes and the Farm



Vegetable Plants and Roots

Prices of Vegetable Plants are subject to change at time shipments are made.

Home Grown Cabbage Plants—Smallest amount, 25-35c; 50-60c; 100-75c; 1000-\$6.00; all postpaid.

Southern Grown Cabbage Plants—Smallest amount 100-50c; 500-\$2.50; 1000-\$4.00. Postage or express prepaid from Louisville only.

Shipped by Parcel Post or Express Prepaid from original southern shipping point; 500-\$1.50; 1000-\$2.75; 5000-\$11.00.

Asparagus Roots—2-year Crown; \$2.00 per 100; postpaid.

Cauliflower Plants—Snowball. Ready April, May and June. Doz., 35c; 100-\$2.50. Postpaid.

Celery—Golden Self-Branching, White Plume Winter Queen, or Giant Pascal. Extra strong, transplanted plants. Delivery July and August. 50-40c; 100-75c; 1000-\$7.00. Postpaid.

Chives—Clump; 20c each, postpaid.

Egg Plants—Ready in May and June. Grown in pots. Doz., 35c; 100-\$2.50; postpaid.

Horse Radish Roots, New Bohemian—A new variety which produces roots of enormous size and succeeds in every soil. Doz., 30c; 100-\$2.50; post paid.

Grow a crop of the finest onions this year from plants

Grow Kwik Onion Plants. Yellow and White Bermudas, Crystal Wax—100 plants 25c; 500-\$1.00; 1000-\$1.85. Express or Postage prepaid from Southern shipping point. If shipped from Louisville, 100 plants, 30c; 500-\$1.25; 1000-\$2.00. Express or postage prepaid.

ONION SETS

Three quarts will plant 100 yards of row.

By Mail Postpaid
1 lb. 5 lbs. 10 lbs.

Red Onion Sets\$0.15 \$0.45 \$0.80

Yellow Onion Sets15 .45 .80

White Onion Sets15 .50 .85

Japanese Yellow Onion

Sets—Excellent for yield

and quality15 .45 .80

Garlic25 1.25 2.45

Peppers—Ready in April and May. (Bell or Bull Nose). Long Red Cayenne. Doz., 35c; 100-\$2.00.

Rhubarb Roots, Victoria—Strong roots. Each, 15c; doz., \$1.25; 100-\$7.00.

Sweet Potato Plants—Ready in June. 100-70c; 1000-\$6.00, approximate prices only.

Tomato Plants—Ready in April and May. Dwarf Champion, Perfection, Ponderosa, Stone, etc. Doz., 30c; 100-\$2.00.

Strawberries

Always Productive, Always In Demand

We make the growing of strawberry plants a specialty and as they are planted in the spring only, we issue at that time an annual catalog, devoted principally to the description of varieties and complete cultural directions. The shallow root of the strawberry does not permit planting in the fall, as the alternate freezing and thawing or expansion and settling of the surface soils throughout our falls, winters and early springs will expose the roots and cause the loss of the plants. We hardly expect to have our usual lot of plants this year owing to lateness of planting in the spring.

EARLY—

Dunlap (S) Price per doz., 30c; 50 plants,

Gandy (S) 70c; 100 plants, \$1.00; 500

Aroma plants, \$4.00.

Chesapeake

Everbearing—Doz., 50c; 50 plants, \$3.00; 100 plants, \$4.50; 1000 plants, \$42.50.

F. O. B. Louisville.

Grapes

The Universal Fruit

Who remembers a single complete failure? This ancient fruit will produce on any kind of soil, trained on any kind of trellis or fence, if given a speck of sunshine and a good foot hold. No fruit requires less attention, demands less space and bears as regularly and heavily.

After Care—Cut the first season's growth back and next year train two or three vigorous canes to stakes and thus form your frame work. Prune these severely again and always remember that the annual pruning is the "secret" of successful grape culture. It is a good practice to cut back the strong canes that break from your main stem to 3 or 4 buds or its equivalent, removing the weak canes entirely.

Black Rot is controlled by Bordeaux Mixture.

The grape beetle by arsenate of lead.

Prices—15c each; 10 for \$1.40; 100 for \$12.00.

If by Post add 10%.

BLACK GRAPES

Concord. This is without doubt the best general purpose grape grown. Its planting perhaps equals all the other varieties combined. Berry large. Bunches shouldered and compact.

Ives. For hardiness and productiveness this grape has no equal. Quality not equal to Concord, but ripens earlier and will hang on the vine until shriveled. To mix with Concord for wine or grape juice it is unsurpassed.

Moore's Early. An extra early variety. Medium bunch, large berry and hardy. Is very reliable and does well wherever planted.

WHITE GRAPES

Martha. An old standard white grape of merit.

Niagara. The best white grape; bunch and berry large, meaty and juicy; flavor perfect. Well known.

RED GRAPES

Catawaba. Standard late red grape that has lost none of its popularity. Season and quality make it indispensable.

Delaware. A well known red grape. Bunch and berry small, compact. Flavor unsurpassed. Not a strong grower; must be given good, rich soil.

Currants

The Bountiful Producer

Does best in the rich soils. When properly grown yields bountiful returns.

PLANTING—Set 3 to 5 feet apart and prune severely, that is, cut the canes in half so as to induce low branching.

Red Dutch—By far the most productive of the many kinds we have tested. Color of fruit a brilliant red, large berries borne in long clusters along the stems and quality is excellent. The white varieties have proven worthless in this climate.

Prices: Each, 15c; 5 for 70c; 100 for \$13.00.

Gooseberries

Postage can be followed C. O. D. if desired.

PLANTING—Space 4 to 6 feet apart. Prune tops back two-thirds and work soil well into the roots.

Downing—Fruit almost round, large, and juicy. Best quality. Whittish green color. Does especially well in the North.

Houghton—Round, dark red when ripe; juicy, sweet. Thin, smooth skin. Medium size. The bush is hardy, very productive, free from mildew, and the best for general purpose in this section.

Prices: Each, 15c; 5 for 70c; 100 for \$13.00.

Raspberries

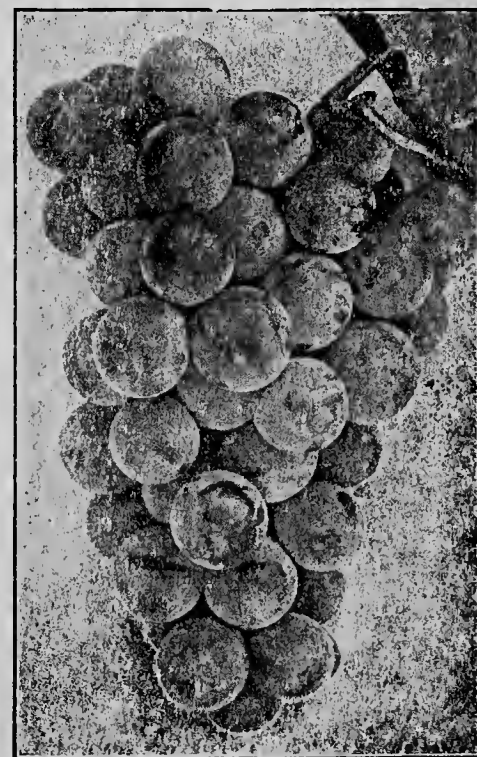
St. Regis. The Everbearing Red Raspberry.

Large, brilliant crimson, juicy and of high quality. Produces a heavy main crop and continues to produce until late August.

Cuthbert. Medium to large red.

Kansas. An old standard black variety.

Prices—50c per dozen; \$3.50 per 100.



Concord Grapes

This Catalogue of

Blue Ribbon Seeds

Is A Descriptive List of

Seed, Bulbs, Etc.

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Don't Wait—Place Your Order Now!

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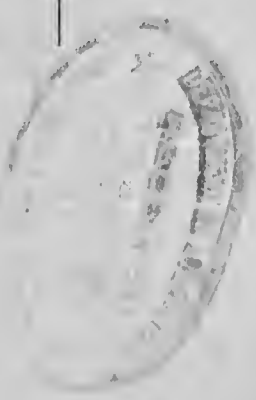
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